



A Phoenix Mecano Company

Terminal Blocks and Multi Connector Systems





We combine precision, innovation
and reliability for **your benefit.**

Areas of Operation

- ▶ PCB terminal blocks and multi-connector systems
- ▶ DIN rail terminal blocks
- ▶ Test probes for PCB and cable test

Field of Activities

PTR is responding to the globalisation of markets with an expanded distribution network. In over 50 countries worldwide, qualified personnel ensure that our products and services are always available to customers.



A Phoenix Mecano Company

Introduction

PTR has always produced quality. Since 1979, the name of PTR has stood for excellence and innovation in the field of terminal and testing technology. Thanks to our steadily expanding product portfolio, over the years we have acquired a significant share of the worldwide market for electromechanical components. Our merger with the Swiss firm of Phoenix Mecano in 1989 strengthened our worldwide presence.

For our customers, the excellent functionality, efficiency, precision and reliability of our products are the most important advantages. In addition, we set international standards by using German engineering, high-quality materials, flexible production processes and intelligent logistics. As a member of the Phoenix Mecano group, which operates worldwide, and through our other distribution partners, PTR terminal blocks and multi connector systems are always available in more than 50 countries.

Our customers use PTR terminal blocks and multi connector systems for a wide range of applications, including automation technology, safety technology, telecommunications and building automation.

A company which offers first-class products and services cannot leave anything to chance. All PTR terminal blocks and multi connector systems are VDE and UL approved, or the approval is pending. A modern quality management system is essential, and we have been certified according to EN ISO 9001 for many years.

We believe that a successful enterprise must also demonstrate social responsibility. This is why environmental responsibility is one of the cornerstones of our corporate philosophy, and we document this with certification according to DIN EN ISO 14001. Of course, we also comply with all relevant EU directives, for example EU-RoHS2 (2011/65/EU) and REACH (1907/2006/EC) in their current versions. Adherence to additional laws and guidelines – some of which only apply locally – for example section 1502 of the US American Dodd Frank Act, which deals with the topic of conflict minerals, is checked on a regular basis and confirmed when the preconditions are present.

We offer our customers a wide range of value-added products and services in the terminal block sector. These include customised terminal blocks and multi connector systems, for example special soldering pin lengths, various colours, partially-assembled terminal blocks, both inkjet and tampon printing and laser marking, and terminal blocks and pin strips in tape-on-reel, tube or tray packaging. We are happy to work closely with our customers and to create individual products for them. Our product range also includes assemblies, fully-populated circuit boards, or pre-assembled wiring.

One new feature in the range of products is PTR's own integrated clamp technology, which can be used in a large number of very different housings. And of course, in addition to our standard articles, we can meet customers' special requirements.

Interface pin blocks are also new, as standard, single row/double row, or if with special dimensions, as data interfaces or for a power supply for mobile consumers (battery probes).

All the information in this catalogue was compiled to the best of our knowledge and was correct at the time of printing. For the latest information, please visit our website at www.ptr.eu.

Content

Introduction	3
Content	4
PTR – Phoenix Mecano	8
Integrated Connection System	10
Interface Pin Blocks	11
Your Benefits	12
Clamp Types	14
Automated Assembly of PCBs	
Tape-on-Reel, Tubes, Trays	16
Soldering Wave and Reflow	18
Printing Processes Tampon,	
Inkjet, Laser	20
Article Designation	21
PTR Website	22

I. Terminal Blocks

Screw Terminal Blocks

Wire Guard Type

Spacing 3.5 mm	
AK550-V	26
AK550-H	27
Spacing 5.0 mm/ 5.08 mm	
AK100-V	28
AKZ120-V	29
AK100-V-BL	30
AK100-H	31
AKZ120-H	32
AK100-H-BL	33
AK104-V	34
AK500-V	35
AKZ500-V	35
AK500-V-BL	36
AK500-H	37
AKZ500-H	37
AK500-H-BL	38
AK590	39
Spacing 7.0 mm	
AK550-V	40
AK550-H	41
Spacing 7.5 mm	
AK110-V	42
AK110-H	43
AK114-V	44
Spacing 10.0 mm/ 10.16 mm	
AK100-V	45
AKZ120-V	46
AK100-V-BL	47
AK100-H	48
AKZ120-H	49
AK100-H-BL	50
AK500-V	51
AKZ500-V	51
AK500-V-BL	52
AK500-H	53
AKZ500-H	53
AK500-H-BL	54

Lift Type

Spacing 2.54 mm	
AKZ692-V	55
Spacing 3.5 mm/ 3.81 mm	
AK601-V	56
AKZ601-V	56
AKZ602-V	57
Spacing 5.0 mm/ 5.08 mm	
AKZ250-V	58
AK300	59
AKZ300	59
AK340-OL	60
AK340-OR	61
AK350-V	62
AKZ350-V	62
AK350-V-HC	63 NEW
AKZ350-V-HC	63 NEW
AK350-V-BR	64
AKZ350-V-P3.5-HT	65 NEW
AKZ350-V-P3.5-FP-HT	66 NEW
AK350-H	67
AKZ350-H	67
AK350-H-HC	62 NEW
AKZ350-H-HC	68 NEW
AK370-V	69
AK370-V-HC	70 NEW
AK700-V	71
AKZ700-V	71
AK700-V-BR	72
AK700-H	73
AKZ700-H	73
AK750-V	74
AKZ750-V	74
AKZ770-V	75
AK790-V	76
AK793-V	77
Spacing 6.35 mm	
AKZ840-V	78
Spacing 7.5 mm/ 7.62 mm	
AK360-V	79
AK360-V-HC	80 NEW
AK360-H	81
AK360-H-HC	82 NEW
AK710-V	83
AKZ710-V	83
Spacing 9.52 mm	
AKZ841-V	84
Spacing 10.0 mm/ 10.16 mm	
AKZ250-V	85
AK350-V	86
AKZ350-V	86
AK350-V-HC	87 NEW
AKZ350-V-HC	87 NEW
AK350-H	88
AKZ350-H	88
AK350-H-HC	89 NEW
AKZ350-H-HC	89 NEW

Excenter Type

Spacing 5.0 mm	
AK2200-V	90
AK2200-H	91
Spacing 7.5 mm	
AK2200-V	92
AK2200-H	93
Spacing 10.0 mm	
AK2200-V	94
AK2200-H	95

Spring Terminal Blocks

Push-In Type

Spacing 2.5 mm/ 2.54 mm	
AK4191/..KD	96
AK4191/..KDVP	97
AKZ4791/..KD-V	98
AKZ4791/..KD-H	99
Spacing 3.5 mm/ 3.81 mm	
AK4291/..KD	100
AK4291/..KDVP	101
AKZ4701/..KD-V	102
AKZ4701/..KD-H	103
Spacing 4.0 mm	
 AK4091/..KD	104 NEW
Spacing 5.0 mm/ 5.08 mm	
AK4100	105
AK4101/..KD	106
AK4200-V	107 NEW
AK4200-H	108 NEW
AKZ4301/..KD	109
Spacing 6.35 mm	
AKZ4801-V	110
AKZ4841/..KD-OL	111
AKZ4841/..KD-OR	112
Spacing 7.5 mm	
AK4200-V	113 NEW
AK4200-H	114 NEW
AK4210-V	115 NEW
AK4210/..VP-V	116 NEW
AK4210-H	117 NEW
AK4210/..VP-H	118 NEW
Spacing 11.5 mm	
AK4210-V	119 NEW
AK4210-H	120 NEW

Tension Spring Type

Spacing 2.5 mm/ 2.54 mm	
AK3191	121
AKZ3191	121
AK3191/..KD	122
AKZ3191/..KD	122
Spacing 5.0 mm/ 5.08 mm	
AK3000	123
AK3001/..KD	124
AK3001/..FD	125
AK3001/..WD	126 NEW
AK3100	127

AK3101/..KD	128	NEW
AK3101/..WD	129	
AK3750	130	
AKZ3750	130	
AK3750-PD10.16	131	
AKZ3750-PD10.16	131	
AK3750/..VP	132	
AKZ3750/..VP	132	
Spacing 7.5 mm		
AK3010	133	
AK3011/..KD	134	
AK3011/..FD	135	
AK3011/..WD	136	NEW
Spacing 10.0 mm		
AK3000	137	
AK3001/..KD	138	
AK3001/..FD	139	
AK3001/..WD	140	NEW

II. Multi Connector Systems 142

Screw Terminal Blocks

Wire Guard Type

Spacing 3.5 mm		
AK1350	145	
AK1350-CP	146	
Spacing 5.0 mm/ 5.08 mm		
AK130	147	
AK130-BR	148	NEW
AK130-BL	149	
AKZ130-BL	149	
AK133	150	
Spacing 10.0 mm/ 10.16 mm		
AK130	151	
AK130-BL	152	
AKZ130-BL	152	

Lift Type

Spacing 3.5 mm/ 3.81 mm		
AK1550	153	
AKZ1550	153	
AK1550/..F	154	
AKZ1550/..F	154	
AK1700	155	
AKZ1700	155	
AK1700/..F	156	
AKZ1700/..F	156	
AK1710	157	
AKZ1710	157	
AK1710/..F	158	
AKZ1710/..F	158	
Spacing 5.0 mm/ 5.08 mm		
AK950	159	
AKZ950	159	
AK950-HC	160	
AKZ950-HC	160	
AK950/..F	161	
AKZ950/..F	161	

AK950/..F-HC	162	
AKZ950/..F-HC	162	
AK955	163	
AKZ955	163	
AKZ950-INV	164	
AK1100	165	
AKZ1100	165	
AKZ1100/..FS	166	
AK1110	167	
AKZ1110	167	
AKZ1110/..FS	168	
AKZS950/..G	169	
AKZS950/..F	170	
AKZS950/..GMB	171	
Spacing 7.62 mm		
AKZ960	172	
AKZ965/..F	173	

Excenter Type

Spacing 5.0 mm/ 5.08 mm		
AK1200	174	NEW
AKZ1200	174	
AK1200/..F	175	NEW
AKZ1200/..F	175	

Spring Terminal Blocks

Push-In Type

Spacing 3.5 mm / 3.81 mm		
AK4350/..G	176	
AK4551/..KD	177	
AKZ4551/..KD	177	
AK4551/..FKD	178	
AKZ4551/..FKD	178	
AK4561/..KD	179	
AKZ4561/..KD	179	
AK4561/..FKD	180	
AKZ4561/..FKD	180	
Spacing 5.0 mm/ 5.08 mm		
AK4951/..KD	181	
AKZ4951/..KD	181	
AK4951/..FKD	182	
AKZ4951/..FKD	182	

Tension Spring Type

Spacing 5.0 mm		
AK3950	183	

Pin Strips

Spacing 3.5 mm/ 3.81 mm		
STL1350-V	184	
STL1350-V-P3.5-BK-HT	185	
 STL1350-V-P3.5-BK-HT	186	NEW
STL1350-H	187	
STL1350-H-HT	188	
STL1550/..G-V	189	
STLZ1550/..G-V	189	
STLZ1550/..G-V-P1.4-HT	190	
 STLZ1550/..G-V-P1.4-HT	191	NEW
STL1550/..F-V	192	
STLZ1550/..F-V	192	

STLZ1550/..F-V-P1.4-HT	193	
 STLZ1550/..F-V-P1.4-HT	194	NEW
STL1550/..G-H	195	
STLZ1550/..G-H	195	
STLZ1550/..G-H-P1.4-HT	196	
 STLZ1550/..G-H-P1.4-HT	197	NEW
STL1550/..F-H	198	
STLZ1550/..F-H	198	
STLZ1550/..F-H-P1.4-HT	199	
 STLZ1550/..F-H-P1.4-HT	200	NEW
STLZ1570/..G-V	201	
STLZ1570/..G-H	202	
STLZ1570/..F-V	203	
STLZ1570/..F-H	204	
STLZ1590/..G	205	
Spacing 5.0 mm/ 5.08 mm		
STL130-V	206	
STLZ130-V	206	
STL130-V-P3.5-HT	207	
 STL130-V-P3.5-HT	208	NEW
STL132-V	209	
STL132-V-P3.3-HT	210	
 STL132-V-P3.3-HT	211	NEW
STL133-V	212	
STL133-V-P3.5-HT	213	NEW
STL136-V	214	NEW
STL136-V-P3.5-HT	215	NEW
STL140-H	216	
STL140-H-HT	217	
STL950-V	218	
STL950-V-P2.6-HT	219	NEW
STLZ950-V-P2.6-HT	219	NEW
 STL950-V-P2.6-HT	220	NEW
 STLZ950-V-P2.6-HT	220	NEW
STL950-V-HC	221	
STLZ950-V-HC	221	
STL950-V-P2.6-HC-HT	222	NEW
STLZ950-V-P2.6-HC-HT	222	NEW
 STL950-V-P2.6-HC-HT	223	NEW
 STLZ950-V-P2.6-HC-HT	223	NEW
STL950/..G-V	224	
STLZ950/..G-V	224	
STL950/..G-V-P2.6-HT	225	NEW
STLZ950/..G-V-P2.6-HT	225	NEW
 STL950/..G-V-P2.6-HT	226	NEW
 STLZ950/..G-V-P2.6-HT	226	NEW
STL950/..G-V-HC	227	
STLZ950/..G-V-HC	227	
STL950/..G-V-P2.6-HC-HT	228	NEW
STLZ950/..G-V-P2.6-HC-HT	228	NEW
 STL950/..G-V-P2.6-HC-HT	229	NEW
 STLZ950/..G-V-P2.6-HC-HT	229	NEW
STL950/..F-V	230	
STLZ950/..F-V	230	
STL950/..F-V-P2.6-HT	231	NEW

	STLZ950/..F-V-P2.6-HT.....	231	NEW		STLZ990	266
	STL950/..F-V-P2.6-HT.....	232	NEW		STLZ990/..G	267
	STLZ950/..F-V-P2.6-HT.....	232	NEW	Spacing 7.62 mm		
	STL950/..F-V-HC	233		STLZ960-V	268	
	STLZ950/..F-V-HC	233		STLZ960/..G-V	269	
	STL950/..F-V-P2.6-HC-HT....	234	NEW	STLZ960-H	270	
	STLZ950/..F-V-P2.6-HC-HT....	234	NEW	STLZ960/..G-H	271	
	STL950/..F-V-P2.6-HC-HT....	235	NEW	STLZ965/..F-V	272	
	STLZ950/..F-V-P2.6-HC-HT....	235	NEW	STLZ965/..F-H	273	
	STLZ950-V-INV	236		Spacing 10.0 mm/ 10.16 mm		
	STL950-H	237		STL130-V	274	
	STLZ950-H	237		STLZ130-V	274	
	STL950-H-P2.6-HT	238	NEW	STL130-V-HT	275	
	STLZ950-H-P2.6-HT	238	NEW	STL132-V	276	
	STL950-H-P2.6-HT	239	NEW	STL132-V-HT	277	
	STLZ950-H-P2.6-HT	239	NEW			
	STL950-H-HC	240		III. Interface Pin Blocks	278	
	STLZ950-H-HC	240		Series 5322	281	NEW
	STL950-H-P2.6-HC-HT	241	NEW	IV. Accessories	282	
	STLZ950-H-P2.6-HC-HT	241	NEW	V. Technical Information	286	
	STL950-H-P2.6-HC-HT	242	NEW	Order Number Index	300	
	STLZ950-H-P2.6-HC-HT	242	NEW	Order Number Index		
	STLZ950-H-P2.6-HC-HT	242	NEW	- Tape-on-Reel Products	302	
	STL950/..G-H	243		Type Index	303	
	STLZ950/..G-H	243		Type Index		
	STL950/..G-H-P2.6-HT	244	NEW	- Tape-on-Reel Products	305	
	STLZ950/..G-H-P2.6-HT	244	NEW	PTR Worldwide	306	
	STL950/..G-H-P2.6-HT	245	NEW	PTR Germany	308	
	STLZ950/..G-H-P2.6-HT	245	NEW	Distributors with Stock		
	STL950/..G-H-HC	246		in Germany	309	
	STLZ950/..G-H-HC	246				
	STL950/..G-H-P2.6-HC-HT....	247	NEW	Imprint	311	
	STLZ950/..G-H-P2.6-HC-HT....	247	NEW			
	STL950/..G-H-P2.6-HC-HT....	248	NEW			
	STLZ950/..G-H-P2.6-HC-HT....	248	NEW			
	STL950/..F-H	249				
	STLZ950/..F-H	249				
	STL950/..F-H-P2.6-HT	250	NEW			
	STLZ950/..F-H-P2.6-HT	250	NEW			
	STL950/..F-H-P2.6-HT	251	NEW			
	STLZ950/..F-H-P2.6-HT	251	NEW			
	STL950/..F-H-HC	252				
	STLZ950/..F-H-HC	252				
	STL950/..F-H-P2.6-HC-HT	253	NEW			
	STLZ950/..F-H-P2.6-HC-HT	253	NEW			
	STL950/..F-H-P2.6-HC-HT....	254	NEW			
	STLZ950/..F-H-P2.6-HC-HT	254	NEW			
	STLZ950-H-INV	255				
	STL955-OL	256				
	STL955-OR	257				
	STLZ970-V	258				
	STLZ970-H	259				
	STLZ970/..G-V	260				
	STLZ970/..G-H	261				
	STLZ970/..F-V	262				
	STLZ970/..F-H	263				
	STL975/..G-V	264				
	STL975/..G-H	265				

Phoenix Mecano AG

The Group Phoenix Mecano is a global player in the enclosures and industrial components segments, has a streamlined operating structure and is a leader in many markets. Geared towards the professional and cost-effective manufacture of niche products, it helps to ensure the smooth operation of processes and connections in the

machine industry and industrial electronics. Its products are used in the mechanical engineering, measurement and control technology, alternative energy, medical technology, aerospace technology and home and hospital care sectors, amongst others.

Phoenix Mecano Group

- ▶ Gross sales approx. 500,6 million EUR
- ▶ Approx. 5,800 employees

The numbers relate to 2013.

You can find current figures on our Website:

www.phoenix-mecano.com



Enclosures

Standardised and customised enclosures made of aluminium, plastic and glass-fibre reinforced polyester and stainless steel, machine control panels and suspension systems protect sensitive electrical equipment and electronics in mechanical engineering and measurement and control technology applications. High-quality sandwich keyboards offer a reliable human/machine interface, even under extreme conditions.

Mechanical Components

Aluminium profiles, pipe connection systems, linear drives and conveyor components enable sophisticated systems for use in machine and equipment construction. Reliable, high-performance linear actuators and drive units for use in the home and care sector offer users a high level of comfort.

ELCOM/EMS

Intelligent concepts provide solutions for increasingly complex tasks associated with coding switches, inductive components and plug connectors, backplanes, transformers and power supply systems, circuit board equipment and the development of customised electronic applications right down to complete subsystems.

Phoenix Mecano Group locations around the world

North | South America

- USA:**
Houston, Texas
Springfield, Ohio
Shannon, Mississippi
Frederick, Maryland
Ontario, California
- Brazil:**
Barueri

Europe | Africa

- Great Britain:** Aylesbury
- Spain:** Zaragoza
- France:** Fontenay-sous-Bois
- Benelux:**
Deinze, Belgium
Doetinchem, Netherlands
KD Almelo, Netherlands
- Scandinavia:**
Odense, Denmark
Ingelstad, Sweden
- Germany:**
Alsdorf, Baiersdorf, Bünde,
Burscheid, Grävenwiesbach,
Kirchlengern, Langenhagen,
Minden, Muggensturm, Porta

- Westfalica, Salem-Neufrach,
Stuttgart, Villingen-
Schwenningen, Werne,
Wendel, Wutha-Farnroda
- Switzerland:** Stein am Rhein
- Tunisia:**
Ben Arous, Borj-Cedria,
Djebel El Quest-Zaghouan
- Marocco:** Tétouan
- Italy:** Inzago
- Austria:** Vienna
- Hungary:** Kecskemét
- Romania:** Sibiu

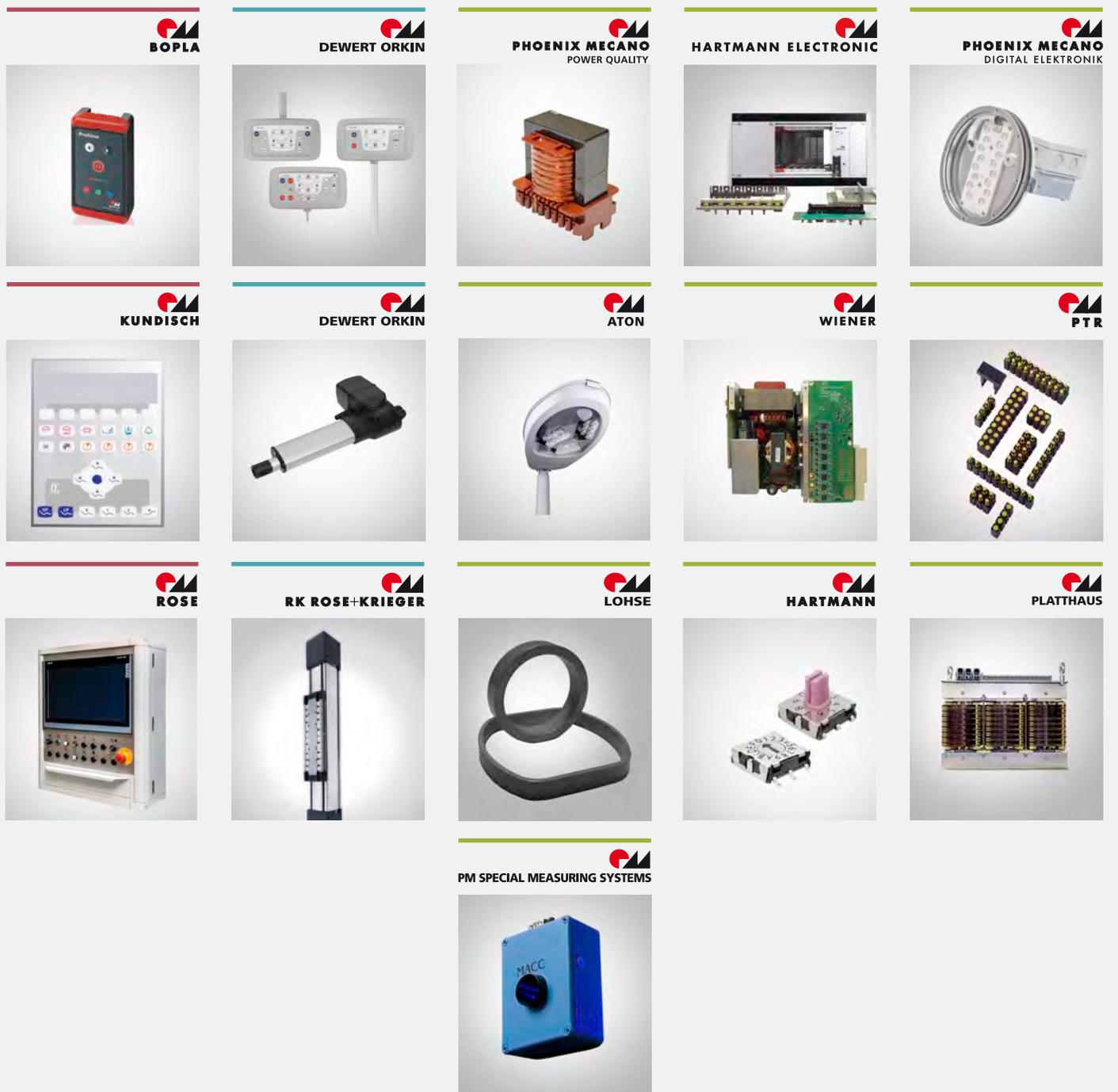
Asia

- Turkey:** Ankara
- Russia:** Moscow
- United Arab Emirates:**
Sharjah
- India:** Pune
- Thailand:** Bangkok
- Singapore:** Singapore
- People's Republic of China:**
Dongguan, Kwun Tong (Hong Kong), Jiaxing, Shenzhen, Shanghai, Taicang
- Taiwan:** Taipei
- South Korea:**
Busanjin-gu, Busan
- Vietnam:** Ho Chi Minh City

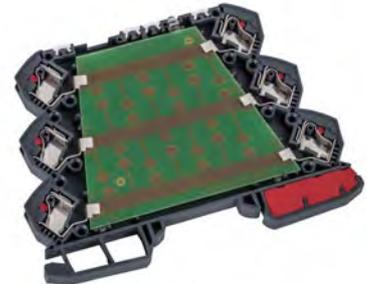
Australia

- Australia:** Victoria

Strong Together – Products of our Group of Companies



Integrated Connection System



The look of many assemblies and product lines is often determined by the shape and appearance of the included terminal blocks' housing.

In order to be able to implement products which match customers' individual needs, the connection technology must be integrated in the plastic enclosure of the appropriate assembly. Using this integrated connection technology, the design of the assembly/ product line is no longer depending on the form and shape of any terminal block.

The newly-developed integrated connection technology is available in the screw and the time-saving Push-In technology. The fast and secure contact to the PCB is realized by easy push-on contact/clamps. This solder-free PCB contact removes the need for costly, errorprone soldering or an expensive soldering robot. The integrated connection technology fulfils three functions:

- ▶ Connection for solid and stranded wires
- ▶ Solder-free PCB contacting
- ▶ If required, connecting point for a cross connector

All these functions are concentrated on a single continuous metal part, and this system provides considerable advantages for the contact resistances and mechanical reliability. Such a highly functional and space-saving contact technology creates a standard solution for a very wide range of assemblies and enclosure designs.

Complete interface systems with integrated connection technology are available as follows: Assemblies INS250, INS260 and INM260 in widths 6.2 mm and 17.5 mm, with 5-12 pole integrated connection technology. These interface systems stand out because of their compact form coupled with a modern, functional design.

On request, we can supply individual integrated connection technology solutions and interface technology, e.g. contacting technologies or specific electrical requirements. The wide range of services, coupled with cost saving, solder-free PCB contacting, allows more efficient solutions than is possible with traditional wire connection technologies. Both ergonomic and functional this integrated connection technology represents a major improvement for both the product developer and the user.



Interface Pin Blocks



Interface pin blocks create an electrical contact between two components. As battery probes, they are used, for example, wherever it is necessary to charge the rechargeable batteries in mobile devices such as scanners, card readers, communication devices, etc.

The special design of the test probes which are used here adapts perfectly to an extremely wide range of contact situations. The probes guarantee a clean connection on almost all surfaces, including with ambient conditions in which oscillations and vibrations could affect the contacting. Irrespective of the specified installation height of the interface pin blocks, the test probes compensate for unevenness and differing heights on the contact surfaces. These features ensure a perfect and safe electrical contact. When positioned in the right place and used correctly, the interface pins can achieve up to 1 million contact cycles.

One typical application for interface pins is their use in interface pin blocks. They can be used for the secure connection of two PCBs which, by means of flexible contacting technology, can be connected and disconnected as often as required. This especially flexible connection of the interface pin blocks requires only a contact surface which is larger than the diameter of the probe head, so it offers considerable advantages when compared with connectors, which always require a precise connection. Additional arguments in favour of the use of interface pin blocks include the absence of insertion and withdrawal forces, and minimal wear and tear.

Applications

- ▶ Mobile process data acquisition devices
- ▶ Medical devices
- ▶ Military devices
- ▶ PCB technology
- ▶ Mobile communication
- ▶ Audio-video applications
- ▶ Data acquisition devices
- ▶ Automotive equipment
- ▶ Heating control units



Your Benefits



Quality and reliability are more important today than ever before. This is of utmost importance especially when it comes to terminal blocks and multi-connector systems.

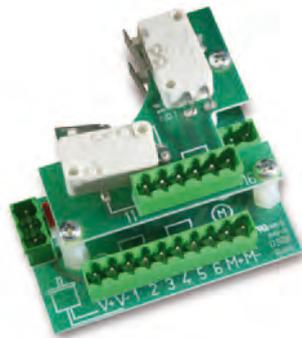
Ever-new directions must be met and strict international standards adhered to. Along with constant quality checks and delivery deadlines, PTR maintains excellent reliability, quality and service.

The focus is on the customer, who is not only offered a **high-quality product** but in addition tremendous value and service.

With an innovative R&D Department (specialising in **custom-made products**), a flexible production facility and a well-thought-out logistic process, PTR offers **prompt service** and **cost-effective products**.

PTR **offers a great package of value and service** when it comes to terminal blocks and multi-connector systems. Customer-specific requests are welcome accepted and fulfilled using our in-house capabilities.





► Customised products

Terminal blocks or headers for special applications can be developed at PTR to meet the customer's requirements. Modifications of a standard housing or integration of an additional wire connection within the plastic housing are possible.

► Partial assembly/irregular spacing

Besides terminal blocks and multi-connector systems with the standard spacing of 3.5 (3.81) mm, 5.0 (5.08) mm and 7.5 (7.62) mm, PTR delivers designs with double-spacing of 7.0 (7.62) mm, 10.0 (10.16) mm as well as 15.0 (15.24) mm or in any desired special design.

► Cable assembly/Bridge

Multi-connector systems are delivered on request with the applicable preassembled cable. Other options such as external bridges can be offered with or without insulation as an accessory. If required, these can be fitted to the terminal block and supplied as a single part.

► Printed circuit-board assembly

If PTR terminal blocks or headers are to be assembled on small printed circuit boards, PTR could take over the manufacturing of the complete device.

► Closed clamp area

Terminal blocks and connectors with the lift principle can be delivered on request with a closed clamp area either for a complete block or with an irregular pattern. This avoids incorrect connection to the poles.

► Special poles

PTR supplies terminal blocks as well as headers in many different varieties. Shorter or longer pins, gold-plated or partially gold-plated contact pins and contact springs. Pins with different diameters or angled pins are available depending on the series!

► Colour variety

The PTR terminal blocks and headers are available in standard colours and also in a large choice of different colours. In this way, multi-coloured options can be offered and headers can be matched by colour to the applicable terminal blocks. Terminal blocks and multi-connector systems can be produced in almost any other colour (RAL).

► Tape-on-reel, Trays, Tubes

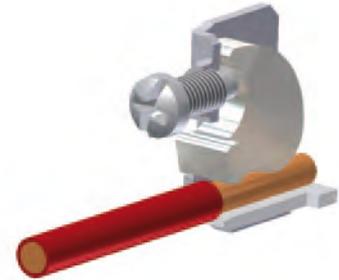
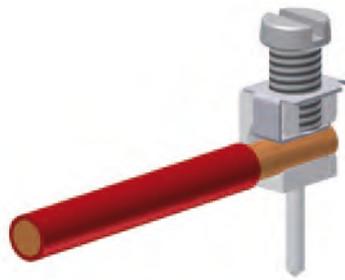
For printed circuit board assembly in automated processes, PTR can offer terminal blocks and headers on tape-on-reel, in trays or in tubes. Dimensions and shapes are adapted to the assembly machine. On request the tapes/trays/tubes can be supplied in anti-static packaging for ESD protection. Terminal blocks and headers in tape-on-reel or tray packing will be delivered with pick & place pad where needed.

► Printing

Terminal blocks and headers can be marked by different methods. PTR offers its customers two kinds of printing: Ink-jet printing, the cost-effective, fast and flexible solution to print letters or individual characters and tampon printing. The Tampon print guarantees the best quality and definition? A variety of letters and characters are possible – even on corners and round surfaces. Both types of printing are wipe-proof; the tampon-printing method is also resistant to isopropyl alcohol.



Clamp Types

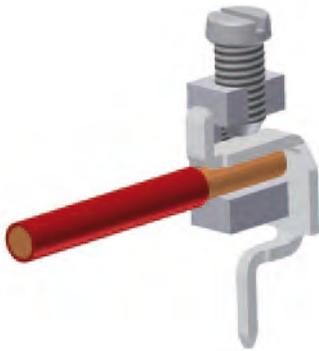


The Wire Guard Type

In this design, PTR screw terminal blocks make use of stainless steel wire protection which protects the connected wire. The solder pin and clamp body form a single unit, and this guarantees low transition resistance and minimal voltage loss. This configuration allows for (a) a versatile and low-cost solution for terminal blocks whose terminal clamps are rarely removed; and (b) the use of both solid and stranded conductors with and without ferrules. Applications include building automation, safety technology, and telecommunication.

The Excenter Type

The excenter design results in space-saving products in which the wire and screw are positioned on the same side of the component. The excenter type is used to mount terminal blocks in flush device elements, for example circuit board inserts.



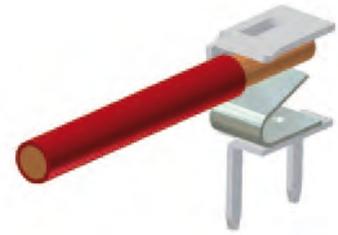
The Lift Type

The most popular and proven technology for connections which must often be removed consists of terminal blocks with a lift design which allows the clamp to move parallel to the solder tag during the screwing process. This ensures that it is easy to detach and restore the electrical contact. It also ensures secure fastening in the clamping area of solid or stranded conductors with a wide range of wire sizes. The wire is clamped between the clamp and the solder tag, so even the smallest wires fit tightly in the connection area. The lateral grooves in the connection area provide excellent tear strength and ensure penetration of the wire's oxidation layer when the screw is tightened. This creates a secure, gas-tight electrical connection. This connection mechanism is used for industrial applications when it is necessary to connect and disconnect conductors frequently, but at the same time to ensure a reliable electrical contact.



The Tension Spring Type

The tension spring design allows the user to connect and disconnect wires by opening the spring with a screwdriver or operating lever – there is no time-consuming rotation of a screw or need for a special tool. The tension spring type is very useful in difficult operating conditions, for example where there is a risk of vibration, impact, shock or extreme temperature fluctuations. The spring compensates for the stress-dependent and thermal compression/flow performance of the wires, and this ensures a gas-tight and maintenance-free electrical connection. This dynamic clamp connection system creates a reliable contact, protects the connection against vibration, and is becoming more and more popular in industrial and traffic technology applications.



The Push-In Type

The push-in design offers the fastest connection method. It is ideal for use with solid and stranded wires with ferrules, and allows the user to make connections by direct insertion of the wire without using a tool or pressing a lever. A screwdriver or operating lever is necessary only to open the spring during the insertion or removal of stranded wires. The simple structure of terminal blocks creates a compact design. The data and telecommunication industries often use this time-saving connection technology.

Automated Assembly of PCBs

Automation now plays an important part in circuit board manufacture. In this process, an automatic assembly machine positions components on the circuit board and then solders them fully automatically.

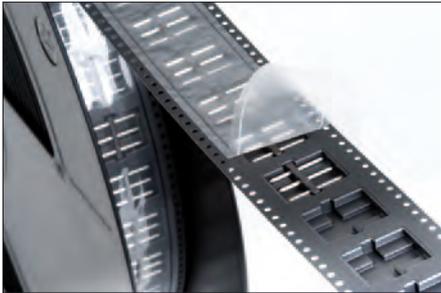
A handling system removes the component from its packaging, determines its position, and then calculates the travel that is necessary for exact positioning of the component on the circuit board. When a circuit board has been assembled, it moves to the next station.

Circuit-board component packaging must ensure component protection, storage and transport. It must also allow the component to be placed in a precisely-defined position.

There are various types of suitable packaging, including:

- ▶ Tape-on-Reel
- ▶ Trays
- ▶ Tubes





Tape-on-Reel

For tape-on-reel packaging, the components are packed in pockets sealed with protective foil. This type of packaging is available in various widths, pocket depths and material strengths in accordance with EN 60286-3. In addition to standard tape-on-reel, customized products are also available, as shown in the picture. A conductive material is generally used in order to prevent electrostatic discharge. The tapes are wound on reels which are inserted directly into the placement machine feeder.

Trays

Other placement machines use palleting systems with stacked trays which supply the components. This provides a sufficiently large quantity of components so that the placement machine can operate without supervision. The tray shape enables the target component to be correctly positioned on the tray, and the handling system can then remove it. Trays are generally made of conductive material which prevents electrostatic discharge.

Tubes

Tubes are another type of component packaging used for automatic assembly processes. Tube shapes are designed to give the component the best possible protection during shipping and storage. At the same time, the tube shapes ensure correct positioning of the component for automatic assembly. Tubes are also available in a conductive material.



Soldering

Wave or reflow soldering is used for the fully-automatic or semi-automatic soldering of components to circuit boards and flat modules.

In wave soldering, after the circuit board has been assembled, it is heated and then passed over a solder wave. In this process, hot fluid solder is pumped through a gap (chip and delta wave) or, for example, through holes in a perforated plate (Wörthmann wave). The component's solder pins take up the solder, which results in a perfect solder connection after the solder has cooled.

In reflow soldering, soldering paste is applied under pressure to the circuit board. As the applied solder has adhesive properties, the circuit board can be assembled without any further fixation, and can then pass through the furnace. After a pre-heating phase, the solder is heated to fusion temperature during the soldering phase. At this temperature, the solder becomes liquid, and this creates a bond between the component and circuit board. The result is a fault-free solder connection after the solder has cooled.

As a rule of thumb for solderable PTR terminal blocks and pin strips a PCB hole diameter should be used which is 0.3 mm larger than the pin diameter from the soldered component.

As preferred the information of the respective product page is valid. A solder pad has to have a minimum ring thickness of 0.2 mm to ensure a correct shaped soldering cone and therefore a good soldering joint.

The soldering process consists of the following four main phases:

1. Preparation: In the wave soldering process, first the components are mounted on the circuit board. In reflow soldering, by contrast, first the soldering paste is applied, and then the components are mounted.

2. Preheating: During this phase, the assembled circuit boards are brought to a preheat temperature – there are different processes for this purpose. The preheating method prevents deformation of the circuit board or its components and other damage.

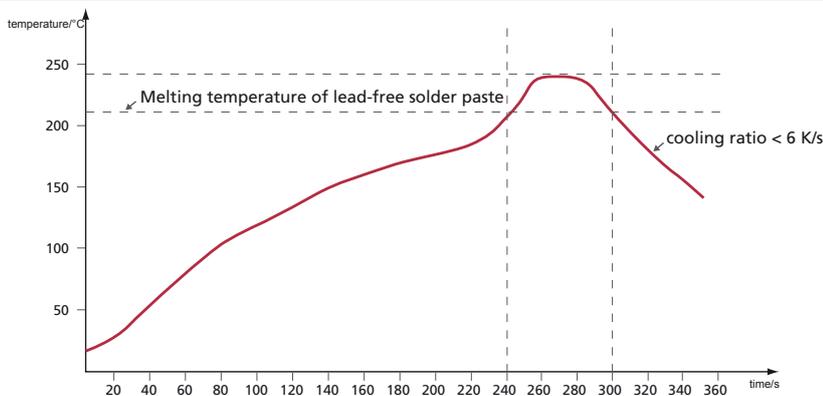
3. Soldering: In wave soldering, the preheated circuit board passes over a solder wave. In reflow soldering, the entire circuit board is heated to the soldering temperature. The soldering time must be carefully selected to ensure that there is no damage to the circuit board or its heat-sensitive components.

4. Cooling: The circuit board components should be cooled under supervision immediately after soldering. This minimises thermal stress on the circuit board and its components.

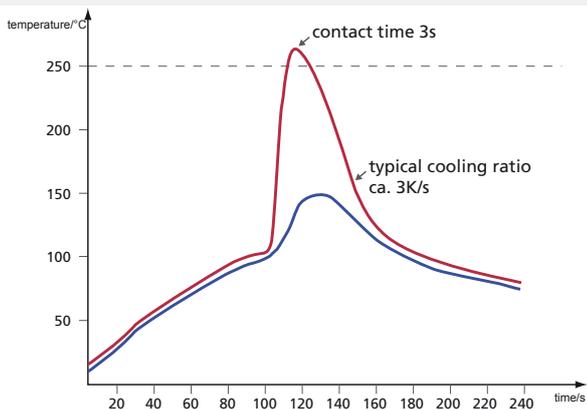
On the right there are examples of soldering temperature profiles for various soldering processes used with through-hole products, based on EN 61760-1 for SMD products.

The actual soldering process depends on various factors, including PCB design, solder paste used, number, type and size of the components used. This means that the profiles illustrated can only be seen as recommendations.

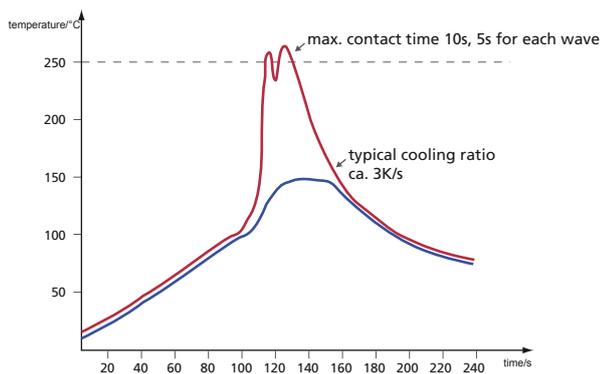
It is not possible to make generally binding statements about the various processes, PCBs and components. Any decision about the profile which ensures your best soldering result must be taken on a case-by-case basis. The aim is to carry out work at the lower maximum load for the components used, so in general the maximum temperatures used are lower than those shown in the soldering profiles on the right.



► Reflow Soldering Profile



► Wave Soldering Profile ,
Single Wave (*)



► Wave Soldering Profile,
Double Wave (*)

(*) RED = temperature on the component
BLUE = temperature of the PCB

Marking Process



PTR uses both inkjet and tampon printers. Inkjet printing is a rapid and flexible process, but the contour accuracy is inferior. Inkjet printing is easy to use and offers low-cost manufacturing.

Tampon printing is more expensive, but contour accuracy is much better. The two-component ink system also provides better scratch and wipe resistance.

When permanent marking is especially important, laser marking is a realistic alternative.

Inkjet Printing

Inkjet printers are matrix printers which use a targeted spray of ink droplets to create a printed image. Alternatively, they guide the spray electrically. This allows the individual droplets to create an image from many dots. Normally the user can easily and quickly adapt the image and print out letters, numbers and special characters.



Tampon Printing

Tampon printing is an indirect printing process. The user creates an image-specific printing block to which he applies the ink. A tampon transfers the ink to the terminal block. This process provides highly accurate contours. Individually-manufactured printing blocks make it possible to print letters, numbers and special characters.



Laser Marking

Marking with a laser beam results in a permanent change to the plastic. The change in colour generated by the laser represents a scratch-proof, indelible and extremely long-lasting method of marking. The high levels of contour accuracy and contrast are achieved by the use of plastic which are designed specifically for laser marking. Many of the plastics used by PTR Messtechnik are suitable for laser marking.



Article Designation for Standard Terminal Blocks

STL950 / 6 (G) – 5.0 – (V) – (P2.6) – (B) – GREEN – (AU)

1 Series Name

AK/ STL metric version
AKZ/ STLZ inch version

2 Number of Poles

CC with coding cover
DS with wire guard
F with flange
FD with finger release
G with side walls, enclosed housing
GMB assembly block version
KD with screw lever
L with pull relief
LG with locking guides
SE with separating element(s)
VP with alternating pins
WD with angle lever

4 Spacing in mm

5 H

solderable terminal blocks: horizontal screw-in direction
pin strips: horizontal plug-in direction of pluggable terminal block

V

solderable terminal blocks: vertical screw-in direction
pin strips: vertical plug-in direction of pluggable terminal block

OL

orthogonal design, pins point left

OR

orthogonal design, pins point right

6 PX.X PTX.X

pin length, solder side
pin length, plug side

7 with Printing

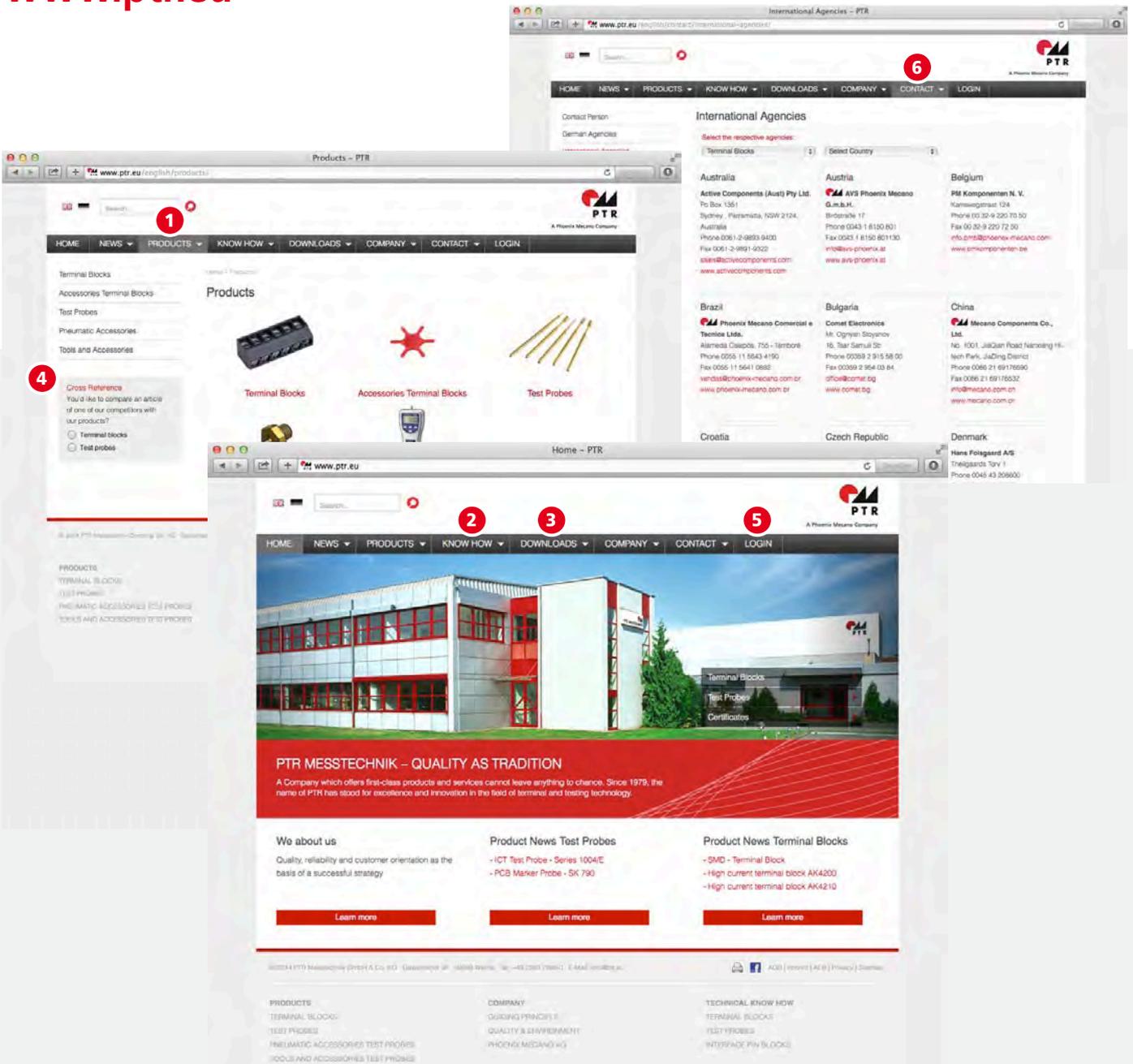
8 Housing Colour

be spelled out completely
or on the basis of DIN IEC 60757

for example: GREEN
for example: GN

9 AU

gold-plated contacts
BL solid block
BR with internal bridging
CP with coding pin(s)
FP with fixing pin(s)
HC high-current version
HT reflow enabled
INV inverted mating face
PD Pin distance from front row to back row
SMD surface mounted device



1 Products

- ▶ Product search with individual search criteria
- ▶ Product data sheets with technical drawings and zoomable photos
- ▶ PDF generation
- ▶ Terminal blocks
- ▶ Test probes - product configurator
- ▶ Sample order
- ▶ Cross-reference from stock

2 Know How

- ▶ Background knowledge and more detailed information on our products

3 Downloads

- ▶ Catalogues
- ▶ Certificates
- ▶ Statements of conformity
- ▶ Brochures
- ▶ Press releases

4 Cross-Reference

- ▶ Recoding of competitor article designations to PTR designations

5 Login Area

- ▶ Premium service for registered customers
- ▶ Download 3D-files

6 Contact

- ▶ Your contacts worldwide



Terminal Blocks

PCB terminal blocks are divided into two groups: **a) screw terminal blocks**, and **b) spring terminal blocks**. Three connection types are available for the screw terminal blocks: the **wire guard**, the **lift**, and the **excenter type**.

Normally, screw terminal blocks are manufactured either as **modular constructions, as two-pole and three-pole terminals**, and can be flexibly connected to each other to make larger terminals by means of the so-called dovetail connection. Individual series are also available in **blocks**. Screw terminal blocks using the different connection designs are available with spacing from 2.54 mm to 15.24 mm, metric or inch, and in various colours.

The group of **spring terminal blocks** is divided into **terminal blocks** using the **push-in design** (leg spring technology) and the **tension spring design**. Spring terminal blocks are normally manufactured in **layers** which can be combined to create the required number of poles. In addition, different colours can be combined within a terminal block.

Spring terminal blocks using both connection types are available with spacing from 2.5 mm to 11.5 mm, metric or inches.

AK550/..DS-3.5-V-GREY



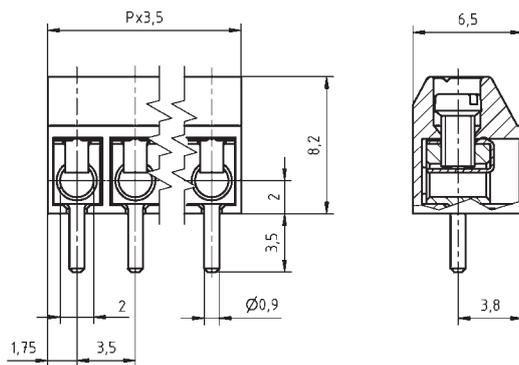
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	1.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.5 mm	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		PEBBLE GREY, RAL 7032
	GREEN, RAL 6018		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK550/2DS-3.5-V-GREY	50550020121G	250
3	10.50	AK550/3DS-3.5-V-GREY	50550030121G	250
4	14.00	AK550/4DS-3.5-V-GREY	50550040121G	250
5	17.50	AK550/5DS-3.5-V-GREY	50550050121G	250
6	21.00	AK550/6DS-3.5-V-GREY	50550060121G	250
7	24.50	AK550/7DS-3.5-V-GREY	50550070121G	250
8	28.00	AK550/8DS-3.5-V-GREY	50550080121E	100
9	31.50	AK550/9DS-3.5-V-GREY	50550090121E	100
10	35.00	AK550/10DS-3.5-V-GREY	50550100121D	50
11	38.50	AK550/11DS-3.5-V-GREY	50550110121D	50
12	42.00	AK550/12DS-3.5-V-GREY	50550120121D	50
13	45.50	AK550/13DS-3.5-V-GREY	50550130121D	50
14	49.00	AK550/14DS-3.5-V-GREY	50550140121D	50
15	52.50	AK550/15DS-3.5-V-GREY	50550150121D	50
16	56.00	AK550/16DS-3.5-V-GREY	50550160121D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	125 V	-	-	130 V	
Rated Current	6 A	-	-	13.5 A	
Rated Wire Size				min	max
	solid	AWG 28-16	-	0.5 mm ²	1.0 mm ²
	stranded	AWG 28-16	-	0.5 mm ²	1.0 mm ²
Torque	0.25 Nm			0.20 Nm	
Screw Size	M2			M2	
Test Voltage	1.25 kV			1.25 kV	

AK550/..DS-3.5-H-GREY



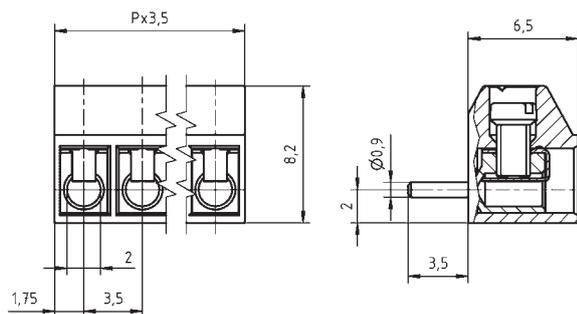
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	1.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.5 mm	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK550/2DS-3.5-H-GREY	50550020171G	250
3	10.50	AK550/3DS-3.5-H-GREY	50550030171G	250
4	14.00	AK550/4DS-3.5-H-GREY	50550040171G	250
5	17.50	AK550/5DS-3.5-H-GREY	50550050171G	250
6	21.00	AK550/6DS-3.5-H-GREY	50550060171G	250
7	24.50	AK550/7DS-3.5-H-GREY	50550070171G	250
8	28.00	AK550/8DS-3.5-H-GREY	50550080171E	100
9	31.50	AK550/9DS-3.5-H-GREY	50550090171E	100
10	35.00	AK550/10DS-3.5-H-GREY	50550100171D	50
11	38.50	AK550/11DS-3.5-H-GREY	50550110171D	50
12	42.00	AK550/12DS-3.5-H-GREY	50550120171D	50
13	45.50	AK550/13DS-3.5-H-GREY	50550130171D	50
14	49.00	AK550/14DS-3.5-H-GREY	50550140171D	50
15	52.50	AK550/15DS-3.5-H-GREY	50550150171D	50
16	56.00	AK550/16DS-3.5-H-GREY	50550160171D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	125 V	-	-	130 V	
Rated Current	6 A	-	-	13.5 A	
Rated Wire Size				min	max
	solid	AWG 28-16	-	0.5 mm ²	1.0 mm ²
	stranded	AWG 28-16	-	0.5 mm ²	1.0 mm ²
Torque	0.25 Nm			0.20 Nm	
Screw Size	M2			M2	
Test Voltage	1.25 kV			1.25 kV	



AK100/..DS-5.0-V-GREY

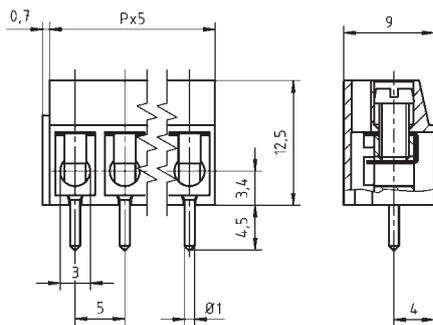
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		BLACK, RAL 9011
	BLUE, RAL 5015		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.70	AK100/2DS-5.0-V-GREY	50100020121G	250
3	15.70	AK100/3DS-5.0-V-GREY	50100030121G	250
4	20.70	AK100/4DS-5.0-V-GREY	50100040121G	250
5	25.70	AK100/5DS-5.0-V-GREY	50100050121G	250
6	30.70	AK100/6DS-5.0-V-GREY	50100060121F	200
7	35.70	AK100/7DS-5.0-V-GREY	50100070121F	200
8	40.70	AK100/8DS-5.0-V-GREY	50100080121E	100
9	45.70	AK100/9DS-5.0-V-GREY	50100090121E	100
10	50.70	AK100/10DS-5.0-V-GREY	50100100121E	100
11	55.70	AK100/11DS-5.0-V-GREY	50100110121E	100
12	60.70	AK100/12DS-5.0-V-GREY	50100120121E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	20 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 22-12	-	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	-	AWG 22-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm		0.45 Nm		0.50 Nm
Screw Size	M3		M3		M3
Test Voltage	1.6 kV		1.6 kV		2.0 kV

AKZ120/..DS-5.08-V-GREY



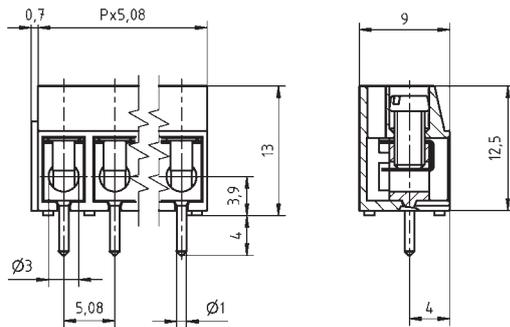
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		BLACK, RAL 9011
	BLUE, RAL 5015		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.86	AKZ120/2DS-5.08-V-GREY	50120020110G	250
3	15.94	AKZ120/3DS-5.08-V-GREY	50120030110G	250
4	21.02	AKZ120/4DS-5.08-V-GREY	50120040110G	250
5	26.10	AKZ120/5DS-5.08-V-GREY	50120050110G	250
6	31.18	AKZ120/6DS-5.08-V-GREY	50120060110F	200
7	36.26	AKZ120/7DS-5.08-V-GREY	50120070110F	200
8	41.34	AKZ120/8DS-5.08-V-GREY	50120080110E	100
9	46.42	AKZ120/9DS-5.08-V-GREY	50120090110E	100
10	51.50	AKZ120/10DS-5.08-V-GREY	50120100110E	100
11	56.58	AKZ120/11DS-5.08-V-GREY	50120110110E	100
12	61.66	AKZ120/12DS-5.08-V-GREY	50120120110E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	C 		D 		
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	20 A	-	10 A	24 A	
Rated Wire Size				min max	
	solid	AWG 22-12	-	AWG 22-12	0.5 mm ² 2.5 mm ²
	stranded	AWG 22-12	-	AWG 22-12	0.5 mm ² 2.5 mm ²
Torque	0.45 Nm	-	0.45 Nm	0.50 Nm	
Screw Size	M3	-	M3	M3	
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	



AK100/..DS-5.0-V-GREY-BL

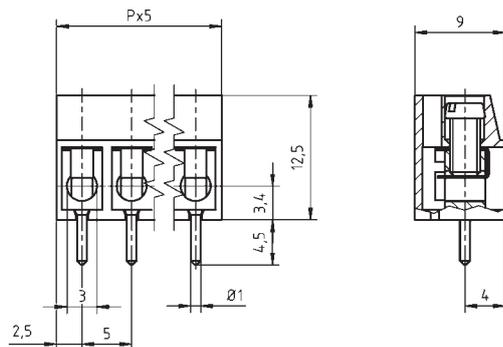
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK100/2DS-5.0-V-GREY-BL	50100022121G	250
3	15.00	AK100/3DS-5.0-V-GREY-BL	50100032121G	250
4	20.00	AK100/4DS-5.0-V-GREY-BL	50100042121G	250
5	25.00	AK100/5DS-5.0-V-GREY-BL	50100052121G	250
6	30.00	AK100/6DS-5.0-V-GREY-BL	50100062121F	200
7	35.00	AK100/7DS-5.0-V-GREY-BL	50100072121F	200
8	40.00	AK100/8DS-5.0-V-GREY-BL	50100082121E	100
9	45.00	AK100/9DS-5.0-V-GREY-BL	50100092121E	100
10	50.00	AK100/10DS-5.0-V-GREY-BL	50100102121E	100
11	55.00	AK100/11DS-5.0-V-GREY-BL	50100112121E	100
12	60.00	AK100/12DS-5.0-V-GREY-BL	50100122121E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B		C	D	
	Rated Voltage	300 V		-	300 V
Rated Current	20 A		-	10 A	
Rated Wire Size				min	max
	solid	AWG 22-12	-	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	-	AWG 22-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm		-	0.50 Nm	
Screw Size	M3		-	M3	
Test Voltage	1.6 kV		-	1.6 kV / 2.0 kV	

AK100/..DS-5.0-H-GREY



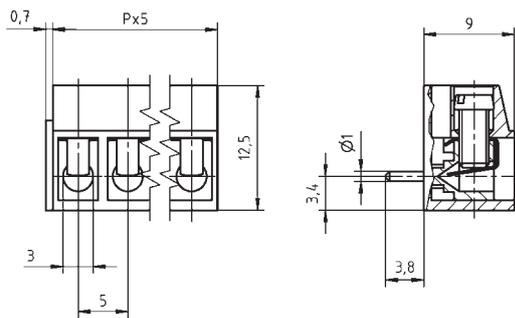
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

GREY, RAL 7016
 BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.70	AK100/2DS-5.0-H-GREY	50100020150G	250
3	15.70	AK100/3DS-5.0-H-GREY	50100030150G	250
4	20.70	AK100/4DS-5.0-H-GREY	50100040150G	250
5	25.70	AK100/5DS-5.0-H-GREY	50100050150G	250
6	30.70	AK100/6DS-5.0-H-GREY	50100060150F	200
7	35.70	AK100/7DS-5.0-H-GREY	50100070150F	200
8	40.70	AK100/8DS-5.0-H-GREY	50100080150E	100
9	45.70	AK100/9DS-5.0-H-GREY	50100090150E	100
10	50.70	AK100/10DS-5.0-H-GREY	50100100150E	100
11	55.70	AK100/11DS-5.0-H-GREY	50100110150E	100
12	60.70	AK100/12DS-5.0-H-GREY	50100120150E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	20 A	-	10 A	24 A	
Rated Wire Size			min		max
solid	AWG 22-12	-	AWG 22-12	0.5 mm ²	2.5 mm ²
stranded	AWG 22-12	-	AWG 22-12	0.5 mm ²	2.5 mm ²
Torque	0.45 Nm		0.45 Nm		0.50 Nm
Screw Size	M3		M3		M3
Test Voltage	1.6 kV		1.6 kV		2.0 kV



AKZ120/..DS-5.08-H-GREY

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

■ GREY, RAL 7016 ■ BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

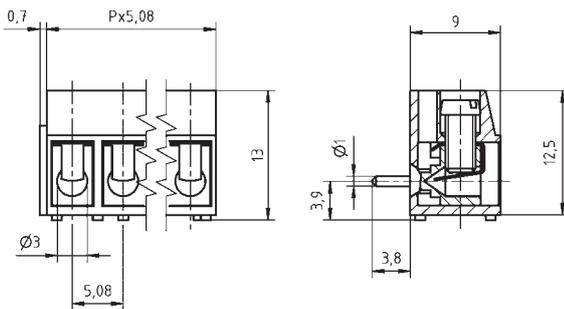
Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.86	AKZ120/2DS-5.08-H-GREY	50120020130G	250
3	15.94	AKZ120/3DS-5.08-H-GREY	50120030130G	250
4	21.02	AKZ120/4DS-5.08-H-GREY	50120040130G	250
5	26.10	AKZ120/5DS-5.08-H-GREY	50120050130G	250
6	31.18	AKZ120/6DS-5.08-H-GREY	50120060130F	200
7	36.26	AKZ120/7DS-5.08-H-GREY	50120070130F	200
8	41.34	AKZ120/8DS-5.08-H-GREY	50120080130E	100
9	46.42	AKZ120/9DS-5.08-H-GREY	50120090130E	100
10	51.50	AKZ120/10DS-5.08-H-GREY	50120100130E	100
11	56.58	AKZ120/11DS-5.08-H-GREY	50120110130E	100
12	61.66	AKZ120/12DS-5.08-H-GREY	50120120130E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	20 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 22-12	-	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	-	AWG 22-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm		0.45 Nm		0.50 Nm
Screw Size	M3		M3		M3
Test Voltage	1.6 kV		1.6 kV		2.0 kV

AK100/..DS-5.0-H-GREY-BL



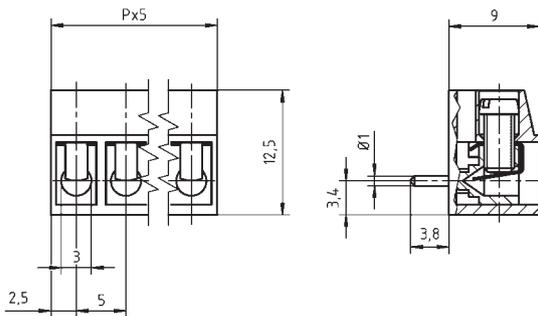
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK100/2DS-5.0-H-GREY-BL	50100022150G	250
3	15.00	AK100/3DS-5.0-H-GREY-BL	50100032150G	250
4	20.00	AK100/4DS-5.0-H-GREY-BL	50100042150G	250
5	25.00	AK100/5DS-5.0-H-GREY-BL	50100052150G	250
6	30.00	AK100/6DS-5.0-H-GREY-BL	50100062150F	200
7	35.00	AK100/7DS-5.0-H-GREY-BL	50100072150F	200
8	40.00	AK100/8DS-5.0-H-GREY-BL	50100082150E	100
9	45.00	AK100/9DS-5.0-H-GREY-BL	50100092150E	100
10	50.00	AK100/10DS-5.0-H-GREY-BL	50100102150E	100
11	55.00	AK100/11DS-5.0-H-GREY-BL	50100112150E	100
12	60.00	AK100/12DS-5.0-H-GREY-BL	50100122150E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	20 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 22-12	-	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	-	AWG 22-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm		0.45 Nm		0.50 Nm
Screw Size	M3		M3		M3
Test Voltage	1.6 kV		1.6 kV		2.0 kV



AK104/..DS-5.0-V-GREY

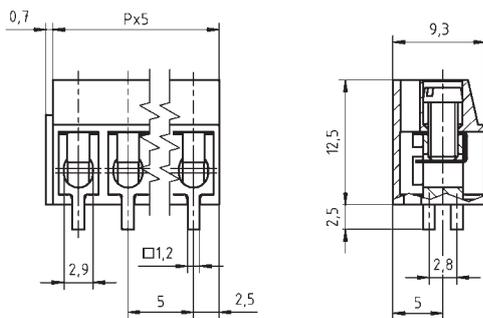
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	0.2 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	2.0 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.70	AK104/2DS-5.0-V-GREY	50104020070G	250
3	15.70	AK104/3DS-5.0-V-GREY	50104030070G	250
4	20.70	AK104/4DS-5.0-V-GREY	50104040070G	250
5	25.70	AK104/5DS-5.0-V-GREY	50104050070G	250
6	30.70	AK104/6DS-5.0-V-GREY	50104060070F	200
7	35.70	AK104/7DS-5.0-V-GREY	50104070070F	200
8	40.70	AK104/8DS-5.0-V-GREY	50104080070E	100
9	45.70	AK104/9DS-5.0-V-GREY	50104090070E	100
10	50.70	AK104/10DS-5.0-V-GREY	50104100070E	100
11	55.70	AK104/11DS-5.0-V-GREY	50104110070E	100
12	60.70	AK104/12DS-5.0-V-GREY	50104120070E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B		C		D	
	Rated Voltage	300 V	150 V	300 V	250 V	32 A
Rated Current	20 A	20 A	10 A			
Rated Wire Size		min		max		
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	4.0 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	4.0 mm ²
Torque	0.80 Nm	0.80 Nm	0.80 Nm	0.50 Nm		
Screw Size	M3	M3	M3	M3		
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.0 kV		

AK500/..DS-5.0-V-GREY AKZ500/..DS-5.08-V-GREY



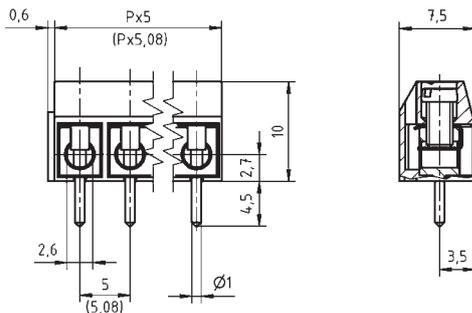
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		BLACK, RAL 9011
	GREEN, RAL 6018		BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK500/2DS-5.0-V-GREY	50500020121G	250
3	15.60	AK500/3DS-5.0-V-GREY	50500030121G	250
4	20.60	AK500/4DS-5.0-V-GREY	50500040121G	250
5	25.60	AK500/5DS-5.0-V-GREY	50500050121G	250
6	30.60	AK500/6DS-5.0-V-GREY	50500060121G	250
7	35.60	AK500/7DS-5.0-V-GREY	50500070121G	250
8	40.60	AK500/8DS-5.0-V-GREY	50500080121E	100
9	45.60	AK500/9DS-5.0-V-GREY	50500090121E	100
...
12	60.60	AK500/12DS-5.0-V-GREY	50500120121E	100

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ500/2DS-5.08-V-GREY	50500020134G	250
3	15.84	AKZ500/3DS-5.08-V-GREY	50500030134G	250
4	20.92	AKZ500/4DS-5.08-V-GREY	50500040134G	250
5	26.00	AKZ500/5DS-5.08-V-GREY	50500050134G	250
6	31.08	AKZ500/6DS-5.08-V-GREY	50500060134G	250
7	36.16	AKZ500/7DS-5.08-V-GREY	50500070134G	250
8	41.24	AKZ500/8DS-5.08-V-GREY	50500080134E	100
9	46.32	AKZ500/9DS-5.08-V-GREY	50500090134E	100
...
12	61.56	AKZ500/12DS-5.08-V-GREY	50500120134E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus		VDE		
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	17.5 A	
Rated Wire Size				min max	
	solid	AWG 22-14	-	AWG 22-14	0.5 mm ² 1.5 mm ²
	stranded	AWG 22-14	-	AWG 22-14	0.5 mm ² 1.5 mm ²
Torque	0.40 Nm	-	0.40 Nm	0.40 Nm	
Screw Size	M2.6	-	M2.6	M2.6	
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	

AK500/..DS-5.0-V-GREY-BL



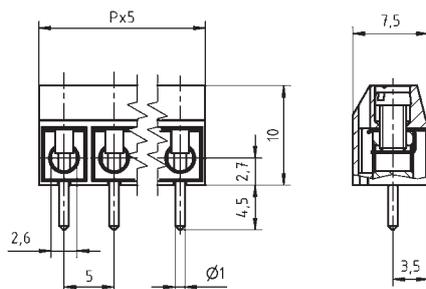
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		BLACK, RAL 9011
	GREEN, RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK500/2DS-5.0-V-GREY-BL	50500023121G	250
3	15.00	AK500/3DS-5.0-V-GREY-BL	50500033121G	250
4	20.00	AK500/4DS-5.0-V-GREY-BL	50500043121G	250
5	25.00	AK500/5DS-5.0-V-GREY-BL	50500053121G	250
6	30.00	AK500/6DS-5.0-V-GREY-BL	50500063121G	250
7	35.00	AK500/7DS-5.0-V-GREY-BL	50500073121G	250
8	40.00	AK500/8DS-5.0-V-GREY-BL	50500083121E	100
9	45.00	AK500/9DS-5.0-V-GREY-BL	50500093121E	100
10	50.00	AK500/10DS-5.0-V-GREY-BL	50500103121E	100
11	55.00	AK500/11DS-5.0-V-GREY-BL	50500113121E	100
12	60.00	AK500/12DS-5.0-V-GREY-BL	50500123121E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 					
	B	C	D			
Rated Voltage	300 V	-	300 V	250 V		
Rated Current	15 A	-	10 A	17.5 A		
Rated Wire Size				min	max	
	solid	AWG 22-14	-	AWG 22-14	0.5 mm ²	1.5 mm ²
	stranded	AWG 22-14	-	AWG 22-14	0.5 mm ²	1.5 mm ²
Torque	0.40 Nm	-	0.40 Nm	0.40 Nm		
Screw Size	M2.6	-	M2.6	M2.6		
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV		

AK500/..DS-5.0-H-GREY AKZ500/..DS-5.08-H-GREY



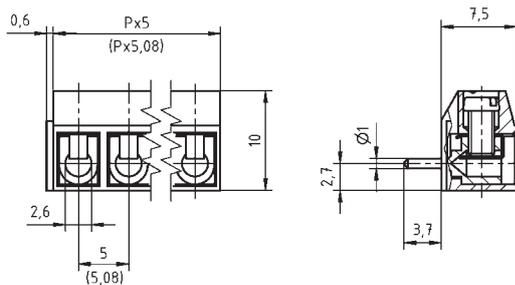
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

■ GREY, RAL 7016 ■ BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK500/2DS-5.0-H-GREY	50500020171G	250
3	15.60	AK500/3DS-5.0-H-GREY	50500030171G	250
4	20.60	AK500/4DS-5.0-H-GREY	50500040171G	250
5	25.60	AK500/5DS-5.0-H-GREY	50500050171G	250
6	30.60	AK500/6DS-5.0-H-GREY	50500060171G	250
7	35.60	AK500/7DS-5.0-H-GREY	50500070171G	250
8	40.60	AK500/8DS-5.0-H-GREY	50500080171E	100
9	45.60	AK500/9DS-5.0-H-GREY	50500090171E	100
...
12	60.60	AK500/12DS-5.0-H-GREY	50500120171E	100

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ500/2DS-5.08-H-GREY	50500020184G	250
3	15.84	AKZ500/3DS-5.08-H-GREY	50500030184G	250
4	20.92	AKZ500/4DS-5.08-H-GREY	50500040184G	250
5	26.00	AKZ500/5DS-5.08-H-GREY	50500050184G	250
6	31.08	AKZ500/6DS-5.08-H-GREY	50500060184G	250
7	36.16	AKZ500/7DS-5.08-H-GREY	50500070184G	250
8	41.24	AKZ500/8DS-5.08-H-GREY	50500080184E	100
9	46.32	AKZ500/9DS-5.08-H-GREY	50500090184E	100
...
12	61.56	AKZ500/12DS-5.08-H-GREY	50500120184E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus		VDE			
	B	C	D			
Rated Voltage	300 V	-	300 V	250 V		
Rated Current	15 A	-	10 A	17.5 A		
Rated Wire Size			min		max	
	solid	AWG 22-14	-	AWG 22-14	0.5 mm ²	1.5 mm ²
	stranded	AWG 22-14	-	AWG 22-14	0.5 mm ²	1.5 mm ²
Torque	0.40 Nm		0.40 Nm		0.40 Nm	
Screw Size	M2.6		M2.6		M2.6	
Test Voltage	1.6 kV		1.6 kV		2.0 kV	



AK500/..DS-5.0-H-GREY-BL

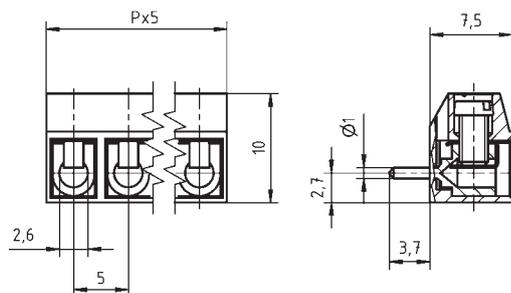
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK500/2DS-5.0-H-GREY-BL	50500023171G	250
3	15.00	AK500/3DS-5.0-H-GREY-BL	50500033171G	250
4	20.00	AK500/4DS-5.0-H-GREY-BL	50500043171G	250
5	25.00	AK500/5DS-5.0-H-GREY-BL	50500053171G	250
6	30.00	AK500/6DS-5.0-H-GREY-BL	50500063171G	250
7	35.00	AK500/7DS-5.0-H-GREY-BL	50500073171G	250
8	40.00	AK500/8DS-5.0-H-GREY-BL	50500083171E	100
9	45.00	AK500/9DS-5.0-H-GREY-BL	50500093171E	100
10	50.00	AK500/10DS-5.0-H-GREY-BL	50500103171E	100
11	55.00	AK500/11DS-5.0-H-GREY-BL	50500113171E	100
12	60.00	AK500/12DS-5.0-H-GREY-BL	50500123171E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	17.5 A	
Rated Wire Size			min		max
	solid	AWG 22-14	-	AWG 22-14	0.5 mm ² / 1.5 mm ²
	stranded	AWG 22-14	-	AWG 22-14	0.5 mm ² / 1.5 mm ²
Torque	0.40 Nm		0.40 Nm		0.40 Nm
Screw Size	M2.6		M2.6		M2.6
Test Voltage	1.6 kV		1.6 kV		2.0 kV

AK590/..DS-5.0-GREY



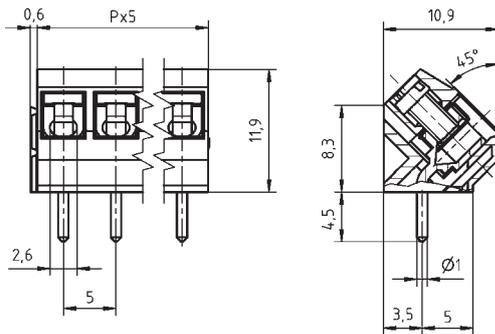
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

- GREY, RAL 7016
- BLUE, RAL 5015
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK590/2DS-5.0-GREY	50590020121G	250
3	15.60	AK590/3DS-5.0-GREY	50590030121G	250
4	20.60	AK590/4DS-5.0-GREY	50590040121G	250
5	25.60	AK590/5DS-5.0-GREY	50590050121G	250
6	30.60	AK590/6DS-5.0-GREY	50590060121G	250
7	35.60	AK590/7DS-5.0-GREY	50590070121G	250
8	40.60	AK590/8DS-5.0-GREY	50590080121E	100
9	45.60	AK590/9DS-5.0-GREY	50590090121E	100
10	50.60	AK590/10DS-5.0-GREY	50590100121E	100
11	55.60	AK590/11DS-5.0-GREY	50590110121E	100
12	60.60	AK590/12DS-5.0-GREY	50590120121E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	17.5 A	
Rated Wire Size			min		max
	solid	AWG 22-14	-	AWG 22-14	0.5 mm ² / 1.5 mm ²
	stranded	AWG 22-14	-	AWG 22-14	0.5 mm ² / 1.5 mm ²
Torque	0.40 Nm		0.40 Nm		0.40 Nm
Screw Size	M2.6		M2.6		M2.6
Test Voltage	1.6 kV		1.6 kV		2.0 kV

AK550/..DS-7.0-V-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	1.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.5 mm	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		PEBBLE GREY, RAL 7032
	GREEN, RAL 6018		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

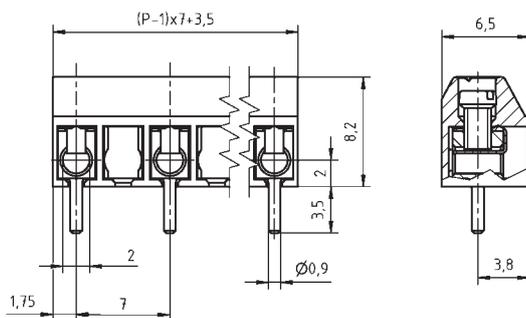
Order Data (Spacing 7.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.50	AK550/2DS-7.0-V-GREY	50550020211G	250
3	17.50	AK550/3DS-7.0-V-GREY	50550030211G	250
4	24.50	AK550/4DS-7.0-V-GREY	50550040211G	250
5	31.50	AK550/5DS-7.0-V-GREY	50550050211E	100
6	38.50	AK550/6DS-7.0-V-GREY	50550060211D	50
7	45.50	AK550/7DS-7.0-V-GREY	50550070211D	50
8	52.50	AK550/8DS-7.0-V-GREY	50550080211D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRV2-7.0/7.62-L7.5-LIGHT GREY	50000000018

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B		C		D	
	Rated Voltage	300 V	150 V	300 V	450 V	450 V
Rated Current	6 A	6 A	6 A	6 A	13.5 A	13.5 A
Rated Wire Size					min	max
	solid	AWG 28-16	AWG 28-16	AWG 28-16	0.5 mm ²	1.0 mm ²
	stranded	AWG 28-16	AWG 28-16	AWG 28-16	0.5 mm ²	1.0 mm ²
Torque	0.25 Nm	0.25 Nm	0.25 Nm	0.20 Nm		
Screw Size	M2	M2	M2	M2		
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.5 kV		

AK550/..DS-7.0-H-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	1.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.5 mm	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

- GREY, RAL 7016
- GREEN, RAL 6018
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

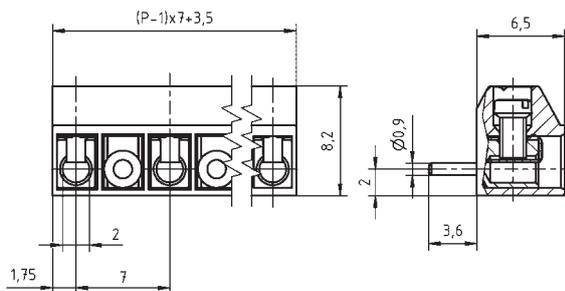
Order Data (Spacing 7.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.50	AK550/2DS-7.0-H-GREY	50550020240G	250
3	17.50	AK550/3DS-7.0-H-GREY	50550030240G	250
4	24.50	AK550/4DS-7.0-H-GREY	50550040240G	250
5	31.50	AK550/5DS-7.0-H-GREY	50550050240E	100
6	38.50	AK550/6DS-7.0-H-GREY	50550060240D	50
7	45.50	AK550/7DS-7.0-H-GREY	50550070240D	50
8	52.50	AK550/8DS-7.0-H-GREY	50550080240D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRV2-7.0/7.62-L7.5-LIGHT GREY	50000000018

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	c RL US			VDE	
	B	C	D		
Rated Voltage	300 V	150 V	300 V	450 V	
Rated Current	6 A	6 A	6 A	13.5 A	
Rated Wire Size				min	max
	solid	AWG 28-16	AWG 28-16	AWG 28-16	0.5 mm ² / 1.0 mm ²
	stranded	AWG 28-16	AWG 28-16	AWG 28-16	0.5 mm ² / 1.0 mm ²
Torque	0.25 Nm	0.25 Nm	0.25 Nm	0.20 Nm	
Screw Size	M2	M2	M2	M2	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.5 kV	

AK110/..DS-7.5-V-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		BLACK, RAL 9011
	RED, RAL 3003		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

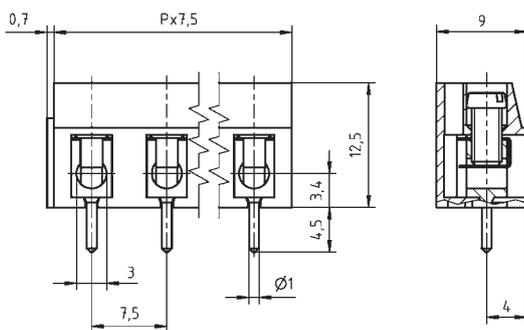
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK110/2DS-7.5-V-GREY	50110020070F	200
3	23.20	AK110/3DS-7.5-V-GREY	50110030070F	200
4	30.70	AK110/4DS-7.5-V-GREY	50110040070F	200
5	38.20	AK110/5DS-7.5-V-GREY	50110050070E	100
6	45.70	AK110/6DS-7.5-V-GREY	50110060070E	100
7	53.20	AK110/7DS-7.5-V-GREY	50110070070E	100
8	60.70	AK110/8DS-7.5-V-GREY	50110080070E	100
9	68.20	AK110/9DS-7.5-V-GREY	50110090070E	100
10	75.70	AK110/10DS-7.5-V-GREY	50110100070D	50
11	83.20	AK110/11DS-7.5-V-GREY	50110110070D	50
12	90.70	AK110/12DS-7.5-V-GREY	50110120070D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	c 				
	B	C	D	500 V	
Rated Voltage	300 V	150 V	-	500 V	
Rated Current	20 A	20 A	-	24 A	
Rated Wire Size				min	max
	solid	AWG 22-14	AWG 22-14	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-14	AWG 22-14	0.5 mm ²	2.5 mm ²
Torque	0.45 Nm	0.45 Nm	-	0.50 Nm	
Screw Size	M3	M3	-	M3	
Test Voltage	1.6 kV	1.3 kV	-	3.0 kV	

AK110/..DS-7.5-H-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		BLACK, RAL 9011
	RED, RAL 3003		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

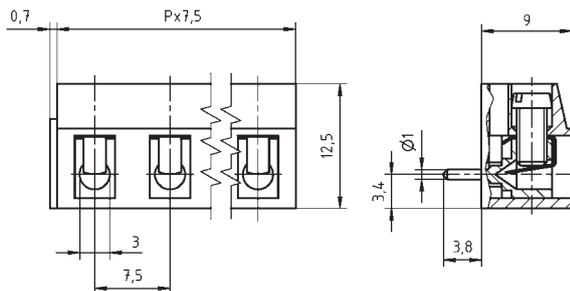
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK110/2DS-7.5-H-GREY	50110020100F	200
3	23.20	AK110/3DS-7.5-H-GREY	50110030100F	200
4	30.70	AK110/4DS-7.5-H-GREY	50110040100F	200
5	38.20	AK110/5DS-7.5-H-GREY	50110050100E	100
6	45.70	AK110/6DS-7.5-H-GREY	50110060100E	100
7	53.20	AK110/7DS-7.5-H-GREY	50110070100E	100
8	60.70	AK110/8DS-7.5-H-GREY	50110080100E	100
9	68.20	AK110/9DS-7.5-H-GREY	50110090100E	100
10	75.70	AK110/10DS-7.5-H-GREY	50110100100D	50
11	83.20	AK110/11DS-7.5-H-GREY	50110110100D	50
12	90.70	AK110/12DS-7.5-H-GREY	50110120100D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	C		D	VDE	
	B	C		500 V	
Rated Voltage	300 V	150 V	-	500 V	
Rated Current	20 A	20 A	-	24 A	
Rated Wire Size				min	max
	solid	AWG 22-14	AWG 22-14	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-14	AWG 22-14	0.5 mm ²	2.5 mm ²
Torque	0.45 Nm	0.45 Nm	-	0.50 Nm	
Screw Size	M3	M3	-	M3	
Test Voltage	1.6 kV	1.3 kV	-	3.0 kV	

AK114/..DS-7.5-V-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	2.0 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

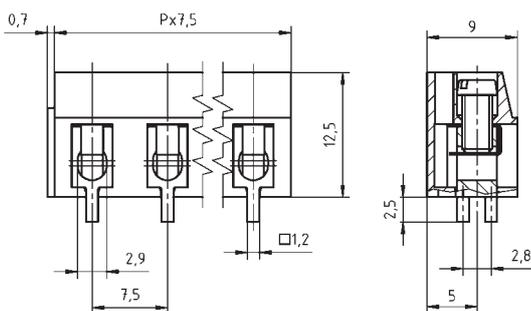
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK114/2DS-7.5-V-GREY	50114020070F	200
3	23.20	AK114/3DS-7.5-V-GREY	50114030070F	200
4	30.70	AK114/4DS-7.5-V-GREY	50114040070F	200
5	38.20	AK114/5DS-7.5-V-GREY	50114050070E	100
6	45.70	AK114/6DS-7.5-V-GREY	50114060070E	100
7	53.20	AK114/7DS-7.5-V-GREY	50114070070E	100
8	60.70	AK114/8DS-7.5-V-GREY	50114080070E	100
9	68.20	AK114/9DS-7.5-V-GREY	50114090070E	100
10	75.70	AK114/10DS-7.5-V-GREY	50114100070D	50
11	83.20	AK114/11DS-7.5-V-GREY	50114110070D	50
12	90.70	AK114/12DS-7.5-V-GREY	50114120070D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

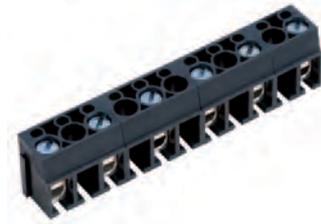


Ratings



Usegroup	B	C	D	500 V		
Rated Voltage	300 V	150 V	300 V	500 V		
Rated Current	20 A	10 A	20 A	32 A		
Rated Wire Size				min	max	
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	4.0 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	4.0 mm ²
Torque	0.80 Nm		0.80 Nm	0.50 Nm		
Screw Size	M3		M3	M3		
Test Voltage	1.6 kV		1.6 kV	3.0 kV		

AK100/..DS-10.0-V-GREY



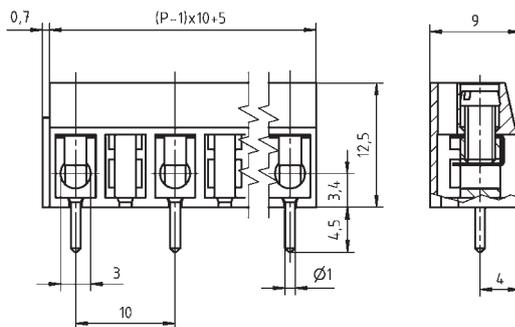
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass	Wave Soldering Process	
Wire Guard	Stainless Steel	Soldering Temperature, recommended	-
Screw	Steel	Peak Soldering Time, recommended	-

Colours

	GREY, RAL 7016		BLACK, RAL 9011
	BLUE, RAL 5015		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK100/2DS-10.0-V-GREY	50100020190G	250
3	25.70	AK100/3DS-10.0-V-GREY	50100030190G	250
4	35.70	AK100/4DS-10.0-V-GREY	50100040190F	200
5	45.70	AK100/5DS-10.0-V-GREY	50100050190E	100
6	55.70	AK100/6DS-10.0-V-GREY	50100060190E	100
7	65.70	AK100/7DS-10.0-V-GREY	50100070190D	50
8	75.70	AK100/8DS-10.0-V-GREY	50100080190D	50
9	85.70	AK100/9DS-10.0-V-GREY	50100090190D	50
10	95.70	AK100/10DS-10.0-V-GREY	50100100190D	50
11	105.70	AK100/11DS-10.0-V-GREY	50100110190D	50
12	115.70	AK100/12DS-10.0-V-GREY	50100120190D	50

Ratings

Usegroup	cULus			VDE		
	B	C	D	750 V		
Rated Voltage	300 V	150 V	300 V	750 V		
Rated Current	20 A	20 A	10 A	24 A		
Rated Wire Size				min	max	
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm		
Screw Size	M3	M3	M3	M3		
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV		

AKZ120/..DS-10.16-V-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

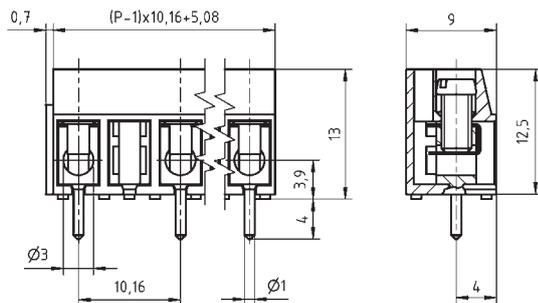
Colours

	GREY, RAL 7016		BLACK, RAL 9011
	BLUE, RAL 5015		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.94	AKZ120/2DS-10.16-V-GREY	50120020150G	250
3	26.10	AKZ120/3DS-10.16-V-GREY	50120030150G	250
4	36.26	AKZ120/4DS-10.16-V-GREY	50120040150F	200
5	46.42	AKZ120/5DS-10.16-V-GREY	50120050150E	100
6	56.58	AKZ120/6DS-10.16-V-GREY	50120060150E	100



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV	

AK100/..DS-10.0-V-GREY-BL



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

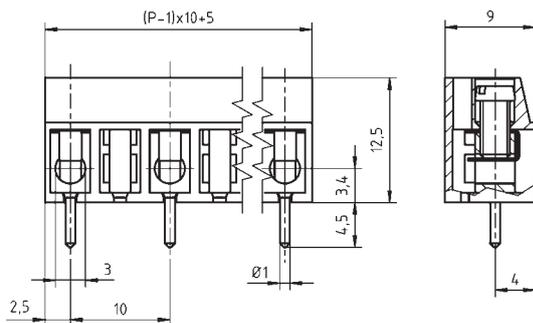
Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK100/2DS-10.0-V-GREY-BL	50100022190G	250
3	25.00	AK100/3DS-10.0-V-GREY-BL	50100032190G	250
4	35.00	AK100/4DS-10.0-V-GREY-BL	50100042190F	200
5	45.00	AK100/5DS-10.0-V-GREY-BL	50100052190E	100
6	55.00	AK100/6DS-10.0-V-GREY-BL	50100062190E	100



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	2.5 mm ²
Torque	0.45 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV			3.5 kV	

AK100/..DS-10.0-H-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

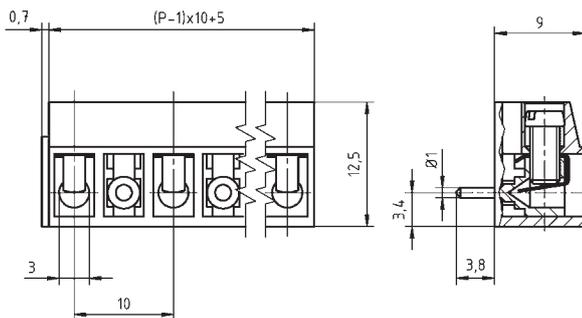
Colours

■ GREY, RAL 7016 ■ BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK100/2DS-10.0-H-GREY	50100020240G	250
3	25.70	AK100/3DS-10.0-H-GREY	50100030240G	250
4	35.70	AK100/4DS-10.0-H-GREY	50100040240F	200
5	45.70	AK100/5DS-10.0-H-GREY	50100050240E	100
6	55.70	AK100/6DS-10.0-H-GREY	50100060240E	100
7	65.70	AK100/7DS-10.0-H-GREY	50100070240D	50
8	75.70	AK100/8DS-10.0-H-GREY	50100080240D	50
9	85.70	AK100/9DS-10.0-H-GREY	50100090240D	50
10	95.70	AK100/10DS-10.0-H-GREY	50100100240D	50
11	105.70	AK100/11DS-10.0-H-GREY	50100110240D	50
12	115.70	AK100/12DS-10.0-H-GREY	50100120240D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV	

AKZ120/..DS-10.16-H-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

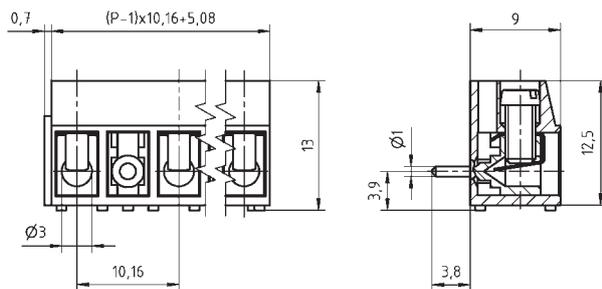
Colours

GREY, RAL 7016
 BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.94	AKZ120/2DS-10.16-H-GREY	50120020170G	250
3	26.10	AKZ120/3DS-10.16-H-GREY	50120030170G	250
4	36.26	AKZ120/4DS-10.16-H-GREY	50120040170F	200
5	46.42	AKZ120/5DS-10.16-H-GREY	50120050170E	100
6	56.58	AKZ120/6DS-10.16-H-GREY	50120060170E	100



Ratings

Usegroup					
	B	C	D		
Rated Voltage	300 V	150 V	300 V	1000 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV	

AK100/..DS-10.0-H-GREY-BL



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

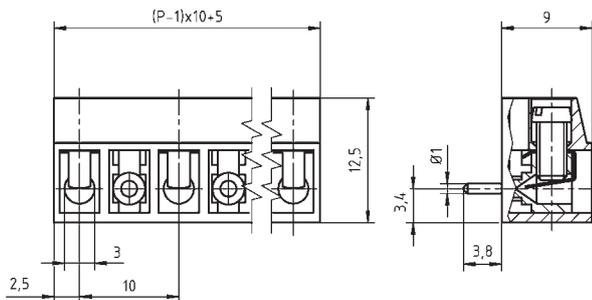
Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK100/2DS-10.0-H-GREY-BL	50100022240G	250
3	25.00	AK100/3DS-10.0-H-GREY-BL	50100032240G	250
4	35.00	AK100/4DS-10.0-H-GREY-BL	50100042240F	200
5	45.00	AK100/5DS-10.0-H-GREY-BL	50100052240E	100
6	55.00	AK100/6DS-10.0-H-GREY-BL	50100062240E	100



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV	

AK500/..DS-10.0-V-GREY AKZ500/..DS-10.16-V-GREY



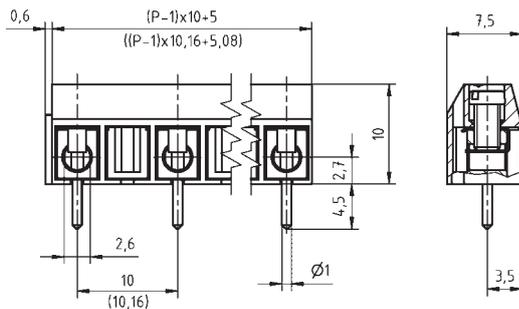
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016		BLACK, RAL 9011
	GREEN, RAL 6018		BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK500/2DS-10.0-V-GREY	50500020211G	250
3	25.60	AK500/3DS-10.0-V-GREY	50500030211G	250
4	35.60	AK500/4DS-10.0-V-GREY	50500040211G	250
5	45.60	AK500/5DS-10.0-V-GREY	50500050211E	100
6	55.60	AK500/6DS-10.0-V-GREY	50500060211E	100
7	65.60	AK500/7DS-10.0-V-GREY	50500070211D	50
8	75.60	AK500/8DS-10.0-V-GREY	50500080211D	50
9	85.60	AK500/9DS-10.0-V-GREY	50500090211D	50
...
12	115.60	AK500/12DS-10.0-V-GREY	50500120211D	50

Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ500/2DS-10.16-V-GREY	50500020224G	250
3	26.00	AKZ500/3DS-10.16-V-GREY	50500030224G	250
4	36.16	AKZ500/4DS-10.16-V-GREY	50500040224G	250
5	46.32	AKZ500/5DS-10.16-V-GREY	50500050224E	100
6	56.48	AKZ500/6DS-10.16-V-GREY	50500060224E	100
7	66.64	AKZ500/7DS-10.16-V-GREY	50500070224D	50
8	76.80	AKZ500/8DS-10.16-V-GREY	50500080224D	50
9	86.96	AKZ500/9DS-10.16-V-GREY	50500090224D	50
...
12	117.44	AKZ500/12DS-10.16-V-GREY	50500120224D	50

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	-	750 V	
Rated Current	15 A	15 A	-	17.5 A	
Rated Wire Size				min	max
	solid	AWG 22-14	AWG 22-14	0.5 mm ²	1.5 mm ²
	stranded	AWG 22-14	AWG 22-14	0.5 mm ²	1.5 mm ²
Torque	0.40 Nm	0.40 Nm	-	0.40 Nm	
Screw Size	M2.6	M2.6	-	M2.6	
Test Voltage	1.6 kV	1.3 kV	-	3.5 kV	

AK500/..DS-10.0-V-GREY-BL



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

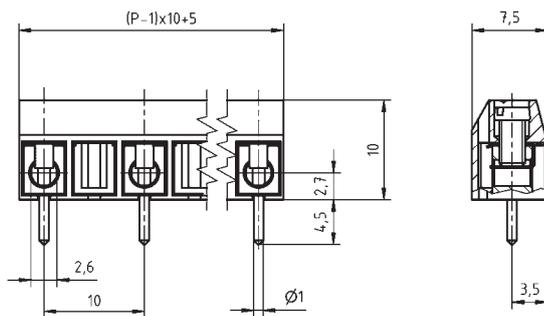
Colours

	GREY, RAL 7016		BLACK, RAL 9011
	GREEN, RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK500/2DS-10.0-V-GREY-BL	50500023211G	250
3	25.00	AK500/3DS-10.0-V-GREY-BL	50500033211G	250
4	35.00	AK500/4DS-10.0-V-GREY-BL	50500043211G	250
5	45.00	AK500/5DS-10.0-V-GREY-BL	50500053211E	100
6	55.00	AK500/6DS-10.0-V-GREY-BL	50500063211E	100



Ratings

Usegroup	c ALUS			VDE	
	B	C	D	750 V	
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size				min	max
	solid	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ² / 1.5 mm ²
	stranded	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ² / 1.5 mm ²
Torque	0.40 Nm	0.40 Nm	0.40 Nm	0.40 Nm	
Screw Size	M2.6	M2.6	M2.6	M2.6	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV	

AK500/..DS-10.0-H-GREY AKZ500/..DS-10.16-H-GREY



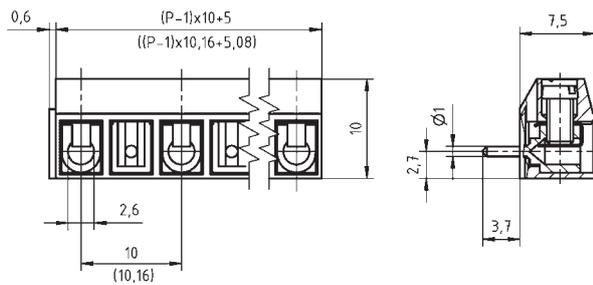
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

■ GREY, RAL 7016 ■ BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK500/2DS-10.0-H-GREY	50500020241G	250
3	25.60	AK500/3DS-10.0-H-GREY	50500030241G	250
4	35.60	AK500/4DS-10.0-H-GREY	50500040241G	250
5	45.60	AK500/5DS-10.0-H-GREY	50500050241E	100
6	55.60	AK500/6DS-10.0-H-GREY	50500060241E	100
7	65.60	AK500/7DS-10.0-H-GREY	50500070241D	50
8	75.60	AK500/8DS-10.0-H-GREY	50500080241D	50
9	85.60	AK500/9DS-10.0-H-GREY	50500090241D	50
...
12	115.60	AK500/12DS-10.0-H-GREY	50500120241D	50

Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ500/2DS-10.16-H-GREY	50500020251G	250
3	26.00	AKZ500/3DS-10.16-H-GREY	50500030251G	250
4	36.16	AKZ500/4DS-10.16-H-GREY	50500040251G	250
5	46.32	AKZ500/5DS-10.16-H-GREY	50500050251E	100
6	56.48	AKZ500/6DS-10.16-H-GREY	50500060251E	100
7	66.64	AKZ500/7DS-10.16-H-GREY	50500070251D	50
8	76.80	AKZ500/8DS-10.16-H-GREY	50500080251D	50
9	86.96	AKZ500/9DS-10.16-H-GREY	50500090251D	50
...
12	117.44	AKZ500/12DS-10.16-H-GREY	50500120251D	50

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size				min	max
	solid	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ² / 1.5 mm ²
	stranded	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ² / 1.5 mm ²
Torque	0.40 Nm			0.40 Nm	
Screw Size	M2.6			M2.6	
Test Voltage	1.6 kV			1.6 kV / 3.5 kV	

AK500/..DS-10.0-H-GREY-BL



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

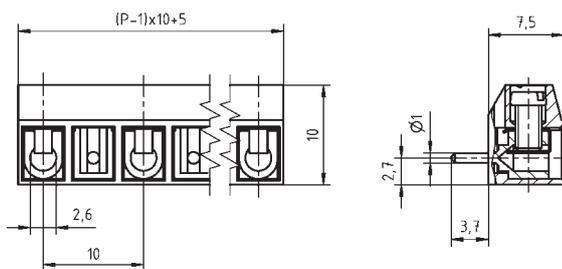
Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK500/2DS-10.0-H-GREY-BL	50500023241G	250
3	25.00	AK500/3DS-10.0-H-GREY-BL	50500033241G	250
4	35.00	AK500/4DS-10.0-H-GREY-BL	50500043241G	250
5	45.00	AK500/5DS-10.0-H-GREY-BL	50500053241E	100
6	55.00	AK500/6DS-10.0-H-GREY-BL	50500063241E	100



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size				min	max
	solid	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ²
	stranded	AWG 22-14	AWG 22-14	AWG 22-14	1.5 mm ²
Torque	0.40 Nm	0.40 Nm	0.40 Nm	0.40 Nm	
Screw Size	M2.6	M2.6	M2.6	M2.6	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV	

AKZ692/..-2.54-V-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	0.75 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	0.75 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.34 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	4.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Brass		

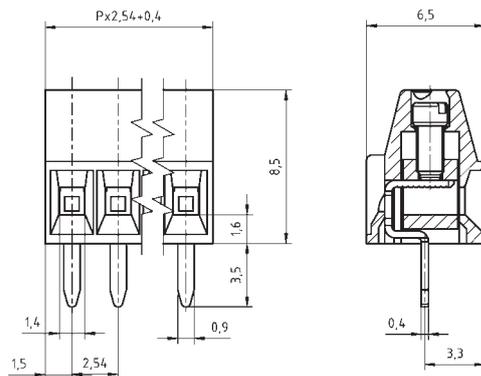
Colours

GREEN, RAL 6018
 LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 2.54 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	5.48	AKZ692/2-2.54-V-GREEN	50692020021E	100
3	8.02	AKZ692/3-2.54-V-GREEN	50692030021E	100
4	10.56	AKZ692/4-2.54-V-GREEN	50692040021E	100
5	13.10	AKZ692/5-2.54-V-GREEN	50692050021E	100
6	15.64	AKZ692/6-2.54-V-GREEN	50692060021E	100
7	18.18	AKZ692/7-2.54-V-GREEN	50692070021E	100
8	20.72	AKZ692/8-2.54-V-GREEN	50692080021E	100
9	23.26	AKZ692/9-2.54-V-GREEN	50692090021E	100
10	25.80	AKZ692/10-2.54-V-GREEN	50692100021E	100
11	28.34	AKZ692/11-2.54-V-GREEN	50692110021E	100
12	30.88	AKZ692/12-2.54-V-GREEN	50692120021E	100
13	33.42	AKZ692/13-2.54-V-GREEN	50692130021E	100
14	35.96	AKZ692/14-2.54-V-GREEN	50692140021E	100
15	38.50	AKZ692/15-2.54-V-GREEN	50692150021E	100
16	41.04	AKZ692/16-2.54-V-GREEN	50692160021E	100
17	43.58	AKZ692/17-2.54-V-GREEN	50692170021E	100
18	46.12	AKZ692/18-2.54-V-GREEN	50692180021E	100
19	48.66	AKZ692/19-2.54-V-GREEN	50692190021E	100
20	51.20	AKZ692/20-2.54-V-GREEN	50692200021E	100
21	53.74	AKZ692/21-2.54-V-GREEN	50692210021E	100
22	56.28	AKZ692/22-2.54-V-GREEN	50692220021E	100
23	58.82	AKZ692/23-2.54-V-GREEN	50692230021E	100
24	61.36	AKZ692/24-2.54-V-GREEN	50692240021E	100



Ratings



Usegroup	B	C	D		
Rated Voltage	150 V	-	-	130 V	
Rated Current	7 A	-	-	9 A	
Rated Wire Size				min	max
	solid	AWG 30-18	-	0.14 mm ²	0.75 mm ²
	stranded	AWG 30-18	-	0.14 mm ²	0.75 mm ²
Torque	0.10 Nm	-	-	0.10 Nm	
Screw Size	M1.6	-	-	M1.6	
Test Voltage	1.3 kV	-	-	1.25 kV	



AK601/..-3.5-V-GREEN AKZ601/..-3.81-V-GREEN

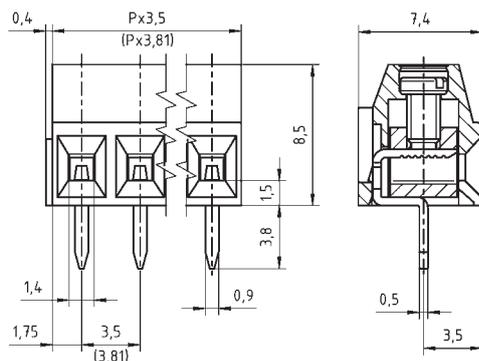
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	1.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.34 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Brass		

Colours

GREEN, RAL 6018 LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.40	AK601/2-3.5-V-GREEN	50601020001F	200
3	10.90	AK601/3-3.5-V-GREEN	50601030001F	200
4	14.40	AK601/4-3.5-V-GREEN	50601040001F	200
5	17.90	AK601/5-3.5-V-GREEN	50601050001F	200
6	21.40	AK601/6-3.5-V-GREEN	50601060001E	100
7	24.90	AK601/7-3.5-V-GREEN	50601070001E	100
8	28.40	AK601/8-3.5-V-GREEN	50601080001E	100
9	31.90	AK601/9-3.5-V-GREEN	50601090001E	100
...
24	84.40	AK601/24-3.5-V-GREEN	50601240001D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.71	AKZ601/2-3.81-V-GREEN	50601020021F	200
3	11.52	AKZ601/3-3.81-V-GREEN	50601030021F	200
4	15.33	AKZ601/4-3.81-V-GREEN	50601040021F	200
5	19.14	AKZ601/5-3.81-V-GREEN	50601050021F	200
6	22.95	AKZ601/6-3.81-V-GREEN	50601060021E	100
7	26.76	AKZ601/7-3.81-V-GREEN	50601070021E	100
8	30.57	AKZ601/8-3.81-V-GREEN	50601080021E	100
9	34.38	AKZ601/9-3.81-V-GREEN	50601090021E	100
...
24	91.53	AKZ601/24-3.81-V-GREEN	50601240021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	150 V	-	-	130 V	
Rated Current	10 A	-	-	10 A	
Rated Wire Size				min	max
	solid	AWG 28-16	-	0.2 mm ²	1.0 mm ²
	stranded	AWG 28-16	-	0.2 mm ²	1.0 mm ²
Torque	0.20 Nm			0.20 Nm	
Screw Size	M2			M2	
Test Voltage	1.3 kV			1.25 kV	

AKZ602/..-3.81-V-GREEN



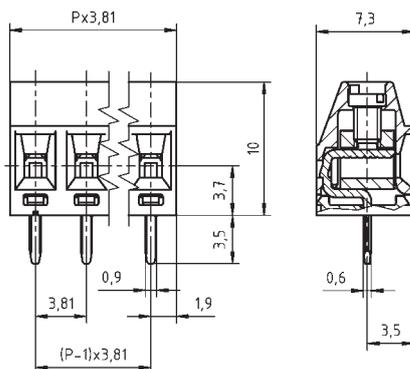
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Bronze		
Solder Tag	Copper Alloy		

Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.62	AKZ602/2-3.81-V-GREEN	50602020021F	200
3	11.43	AKZ602/3-3.81-V-GREEN	50602030021F	200
4	15.24	AKZ602/4-3.81-V-GREEN	50602040021F	200
5	19.05	AKZ602/5-3.81-V-GREEN	50602050021F	200
6	22.86	AKZ602/6-3.81-V-GREEN	50602060021E	100
7	26.67	AKZ602/7-3.81-V-GREEN	50602070021E	100
8	30.48	AKZ602/8-3.81-V-GREEN	50602080021E	100
9	34.29	AKZ602/9-3.81-V-GREEN	50602090021E	100
10	38.10	AKZ602/10-3.81-V-GREEN	50602100021D	50
11	41.91	AKZ602/11-3.81-V-GREEN	50602110021D	50
12	45.72	AKZ602/12-3.81-V-GREEN	50602120021D	50
13	49.53	AKZ602/13-3.81-V-GREEN	50602130021D	50
14	53.34	AKZ602/14-3.81-V-GREEN	50602140021D	50
15	57.15	AKZ602/15-3.81-V-GREEN	50602150021D	50
16	60.96	AKZ602/16-3.81-V-GREEN	50602160021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Bridge, 2-pole, BR/2-3.5/3.81-H-L4.7	50000000019
	Bridge, 2-pole, BR/2-3.5/3.81-L4.7	50000000013
	Bridge, 3-pole, BR/3-3.5/3.81-L4.7	50000000014

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	-	130 V	
Rated Current	10 A	-	-	13.5 A	
Rated Wire Size				min	max
	solid	AWG 30-16	-	0.5 mm ²	1.0 mm ²
	stranded	AWG 30-16	-	0.5 mm ²	1.0 mm ²
Torque	0.25 Nm			0.20 Nm	
Screw Size	M2			M2	
Test Voltage	1.6 kV			1.25 kV	



AKZ250/..-5.08-V-GREEN

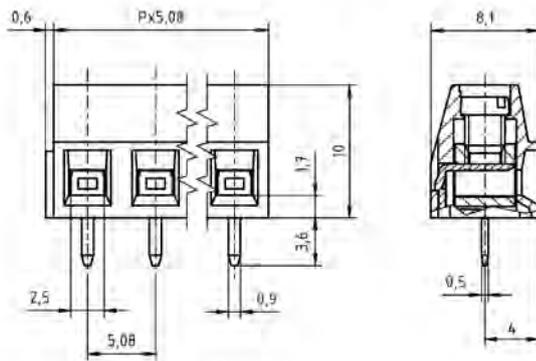
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Bronze		

Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ250/2-5.08-V-GREEN	50250020001F	200
3	15.84	AKZ250/3-5.08-V-GREEN	50250030001F	200
4	20.92	AKZ250/4-5.08-V-GREEN	50250040001F	200
5	26.00	AKZ250/5-5.08-V-GREEN	50250050001F	200
6	31.08	AKZ250/6-5.08-V-GREEN	50250060001E	100
7	36.16	AKZ250/7-5.08-V-GREEN	50250070001E	100
8	41.24	AKZ250/8-5.08-V-GREEN	50250080001E	100
9	46.32	AKZ250/9-5.08-V-GREEN	50250090001E	100
10	51.40	AKZ250/10-5.08-V-GREEN	50250100001D	50
11	56.48	AKZ250/11-5.08-V-GREEN	50250110001D	50
12	61.56	AKZ250/12-5.08-V-GREEN	50250120001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE	
	B	C	D	250 V	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	13 A	
Rated Wire Size			min		max
	solid	AWG 28-14	AWG 28-14	AWG 28-14	0.5 mm ² 1.5 mm ²
	stranded	AWG 28-14	AWG 28-14	AWG 28-14	0.5 mm ² 1.5 mm ²
Torque	0.50 Nm		0.50 Nm		0.50 Nm
Screw Size	M3		M3		M3
Test Voltage	1.6 kV		1.6 kV		2.0 kV

AK300/..-5.0-GREY AKZ300/..-5.08-GREY



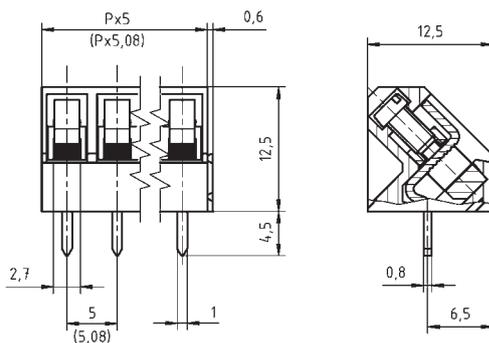
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREY, RAL 7016		GREEN, RAL 6018
	BLUE, RAL 5015		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK300/2-5.0-GREY	50300020041F	200
3	15.60	AK300/3-5.0-GREY	50300030041F	200
4	20.60	AK300/4-5.0-GREY	50300040041F	200
5	25.60	AK300/5-5.0-GREY	50300050041F	200
6	30.60	AK300/6-5.0-GREY	50300060041F	200
7	35.60	AK300/7-5.0-GREY	50300070041E	100
8	40.60	AK300/8-5.0-GREY	50300080041E	100
9	45.60	AK300/9-5.0-GREY	50300090041E	100
...
12	60.60	AK300/12-5.0-GREY	50300120041D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ300/2-5.08-GREY	50300020141F	200
3	15.84	AKZ300/3-5.08-GREY	50300030141F	200
4	20.92	AKZ300/4-5.08-GREY	50300040141F	200
5	26.00	AKZ300/5-5.08-GREY	50300050141F	200
6	31.08	AKZ300/6-5.08-GREY	50300060141F	200
7	36.16	AKZ300/7-5.08-GREY	50300070141E	100
8	41.24	AKZ300/8-5.08-GREY	50300080141E	100
9	46.32	AKZ300/9-5.08-GREY	50300090141E	100
...
12	61.56	AKZ300/12-5.08-GREY	50300120141D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 22-12	-	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	-	AWG 22-12	0.5 mm ² / 1.5 mm ²
Torque	0.40 Nm		-	0.40 Nm	0.40 Nm
Screw Size	M2.6		-	M2.6	M2.6
Test Voltage	1.6 kV		-	1.6 kV	2.0 kV

AK340/..-5.0-OL-GREEN



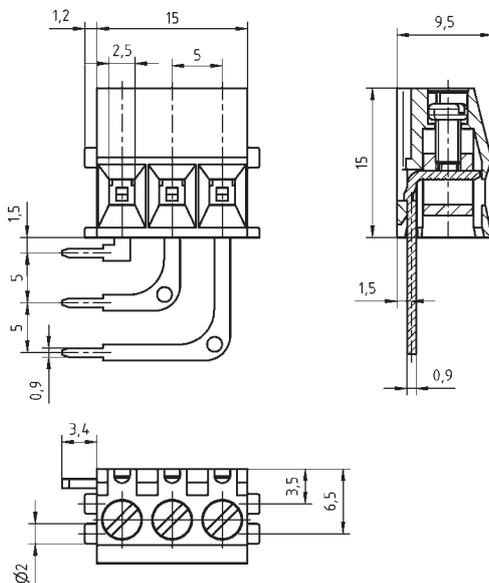
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	4.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Brass		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	LIGHT GREY, RAL 7035		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
3	17.40	AK340/3-5.0-OL-GREEN	50340030061F	200

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RALUS		VDE		
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	16 A	-	10 A	16 A	
Rated Wire Size				min max	
	solid	AWG 22-12	-	AWG 22-12	0.2 mm ² 4.0 mm ²
	stranded	AWG 22-12	-	AWG 22-12	0.2 mm ² 2.5 mm ²
Torque	0.40 Nm	-	0.40 Nm	0.40 Nm	
Screw Size	M2.5	-	M2.5	M2.5	
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	

AK340/..-5.0-OR-GREEN



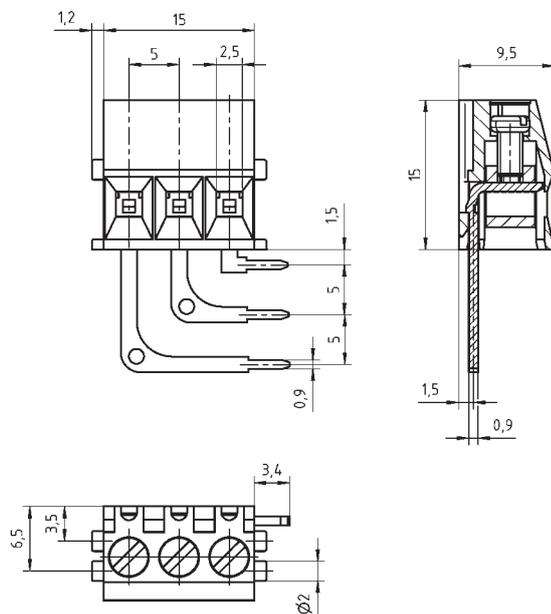
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	4.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Brass		

Colours

- GREEN, RAL 6018
- BLACK, RAL 9011
- LIGHT GREY, RAL 7035

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
3	17.40	AK340/3-5.0-OR-GREEN	50340030071F	200

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US		VDE		
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	16 A	-	10 A	16 A	
Rated Wire Size				min max	
	solid	AWG 22-12	-	AWG 22-12	0.2 mm ² 4.0 mm ²
	stranded	AWG 22-12	-	AWG 22-12	0.2 mm ² 2.5 mm ²
Torque	0.40 Nm	-	0.40 Nm	0.40 Nm	
Screw Size	M2.5	-	M2.5	M2.5	
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	



AK350/..-5.0-V-GREEN AKZ350/..-5.08-V-GREEN

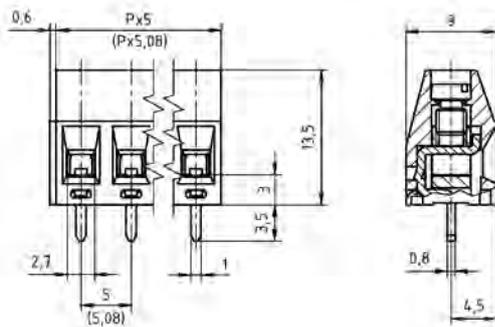
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	0.14 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK350/2-5.0-V-GREEN	50350020005F	200
3	15.60	AK350/3-5.0-V-GREEN	50350030005F	200
4	20.60	AK350/4-5.0-V-GREEN	50350040005F	200
5	25.60	AK350/5-5.0-V-GREEN	50350050005F	200
6	30.60	AK350/6-5.0-V-GREEN	50350060005E	100
7	35.60	AK350/7-5.0-V-GREEN	50350070005E	100
8	40.60	AK350/8-5.0-V-GREEN	50350080005E	100
9	45.60	AK350/9-5.0-V-GREEN	50350090005E	100
...
12	60.60	AK350/12-5.0-V-GREEN	50350120005D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ350/2-5.08-V-GREEN	50350020001F	200
3	15.84	AKZ350/3-5.08-V-GREEN	50350030001F	200
4	20.92	AKZ350/4-5.08-V-GREEN	50350040001F	200
5	26.00	AKZ350/5-5.08-V-GREEN	50350050001F	200
6	31.08	AKZ350/6-5.08-V-GREEN	50350060001E	100
7	36.16	AKZ350/7-5.08-V-GREEN	50350070001E	100
8	41.24	AKZ350/8-5.08-V-GREEN	50350080001E	100
9	46.32	AKZ350/9-5.08-V-GREEN	50350090001E	100
...
12	61.56	AKZ350/12-5.08-V-GREEN	50350120001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE		
	B	C	D	250 V		
Rated Voltage	300 V	150 V	300 V	250 V		
Rated Current	15 A	15 A	10 A	17.5 A		
Rated Wire Size			min		max	
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.50 Nm		0.50 Nm	0.50 Nm		
Screw Size	M3		M3	M3		
Test Voltage	1.6 kV		1.3 kV	1.6 kV		
				2.0 kV		

AK350/..-5.0-V-GREEN-HC AKZ350/..-5.08-V-GREEN-HC



NEW

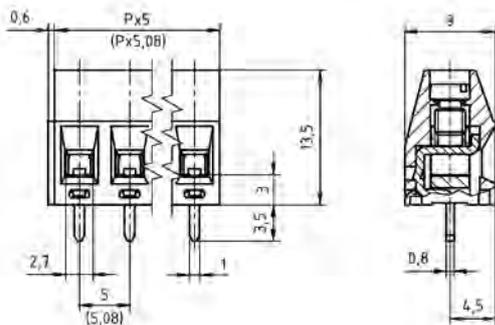
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

- GREEN, RAL 6018
- LIGHT GREY, RAL 7035
- BLUE, RAL 5015
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK350/2-5.0-V-GREEN-HC	50350020095F	200
3	15.60	AK350/3-5.0-V-GREEN-HC	50350030095F	200
4	20.60	AK350/4-5.0-V-GREEN-HC	50350040095F	200
5	25.60	AK350/5-5.0-V-GREEN-HC	50350050095F	200
6	30.60	AK350/6-5.0-V-GREEN-HC	50350060095E	100
7	35.60	AK350/7-5.0-V-GREEN-HC	50350070095E	100
8	40.60	AK350/8-5.0-V-GREEN-HC	50350080095E	100
9	45.60	AK350/9-5.0-V-GREEN-HC	50350090095E	100
...
12	60.60	AK350/12-5.0-V-GREEN-HC	50350120095D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ350/2-5.08-V-GREEN-HC	50350020091F	200
3	15.84	AKZ350/3-5.08-V-GREEN-HC	50350030091F	200
4	20.92	AKZ350/4-5.08-V-GREEN-HC	50350040091F	200
5	26.00	AKZ350/5-5.08-V-GREEN-HC	50350050091F	200
6	31.08	AKZ350/6-5.08-V-GREEN-HC	50350060091E	100
7	36.16	AKZ350/7-5.08-V-GREEN-HC	50350070091E	100
8	41.24	AKZ350/8-5.08-V-GREEN-HC	50350080091E	100
9	46.32	AKZ350/9-5.08-V-GREEN-HC	50350090091E	100
...
12	61.56	AKZ350/12-5.08-V-GREEN-HC	50350120091D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	5000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	5000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	5000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RL US			VDE	
	B	C	D	250 V	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	19 A	19 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 1.5 mm ²
Torque	0.50 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV			1.6 kV / 2.0 kV	



AK350/..-5.0-V-GREEN-BR

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

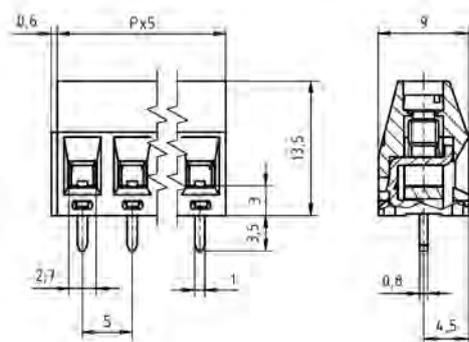
Colours

■ GREEN, RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK350/2-5.0-V-GREEN-BR	50350020045F	200
3	15.60	AK350/3-5.0-V-GREEN-BR	50350030045F	200
4	20.60	AK350/4-5.0-V-GREEN-BR	50350040045E	100



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	2.5 mm ²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.0 kV	

AKZ350/..-5.08-V-P3.5-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PPA
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

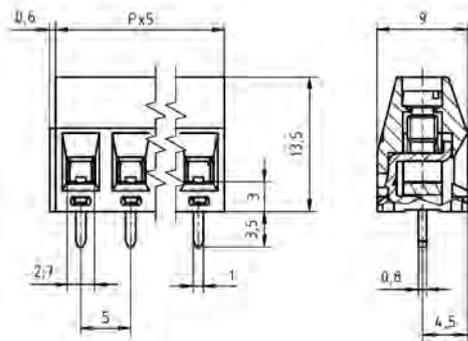
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ350/2-5.08-V-P3.5-BK-HT	50350020331F	200
3	15.84	AKZ350/3-5.08-V-P3.5-BK-HT	50350030331F	200
4	20.92	AKZ350/4-5.08-V-P3.5-BK-HT	50350040331F	200
5	26.00	AKZ350/5-5.08-V-P3.5-BK-HT	50350050331F	200
6	31.08	AKZ350/6-5.08-V-P3.5-BK-HT	50350060331E	100
7	36.16	AKZ350/7-5.08-V-P3.5-BK-HT	50350070331E	100
8	41.24	AKZ350/8-5.08-V-P3.5-BK-HT	50350080331E	100
9	46.32	AKZ350/9-5.08-V-P3.5-BK-HT	50350090331E	100
10	51.40	AKZ350/10-5.08-V-P3.5-BK-HT	50350100331D	50
11	56.48	AKZ350/11-5.08-V-P3.5-BK-HT	50350110331D	50
12	61.56	AKZ350/12-5.08-V-P3.5-BK-HT	50350120331D	50



Ratings



Usegroup	UL US			VDE	
	B	C	D	250 V	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size	solid	AWG 22-12	AWG 22-12	min	max
	stranded	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.0 kV	

* Approval Pending



AKZ350/..-5.08-V-P3.5-BK-FP-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PPA
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

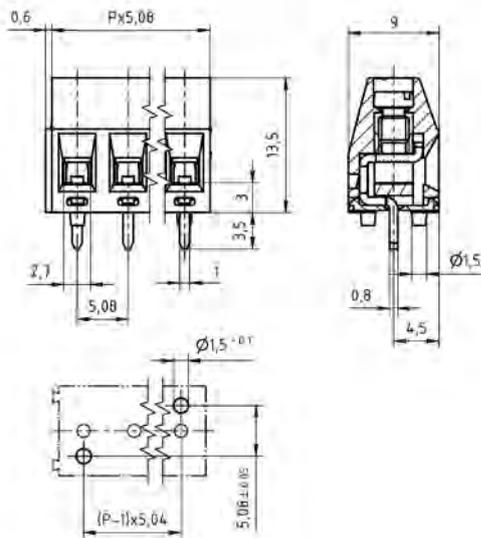
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ350/2-5.08-V-P3.5-BK-FP-HT	50350020937F	200
3	15.84	AKZ350/3-5.08-V-P3.5-BK-FP-HT	50350030937F	200
4	20.92	AKZ350/4-5.08-V-P3.5-BK-FP-HT	50350040937F	200
5	26.00	AKZ350/5-5.08-V-P3.5-BK-FP-HT	50350050937F	200
6	31.08	AKZ350/6-5.08-V-P3.5-BK-FP-HT	50350060937E	100
7	36.16	AKZ350/7-5.08-V-P3.5-BK-FP-HT	50350070937E	100
8	41.24	AKZ350/8-5.08-V-P3.5-BK-FP-HT	50350080937E	100
9	46.32	AKZ350/9-5.08-V-P3.5-BK-FP-HT	50350090937E	100
10	51.40	AKZ350/10-5.08-V-P3.5-BK-FP-HT	50350100937E	100
11	56.48	AKZ350/11-5.08-V-P3.5-BK-FP-HT	50350110937D	50
12	61.56	AKZ350/12-5.08-V-P3.5-BK-FP-HT	50350120937D	50



Ratings

Usegroup	UL [†]			VDE [†]	
	B	C	D		
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size			min		max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²
Torque	0.50 Nm		0.50 Nm		0.50 Nm
Screw Size	M3		M3		M3
Test Voltage	1.6 kV		1.6 kV		2.0 kV

* Approval Pending

AK350/..-5.0-H-GREEN

AKZ350/..-5.08-H-GREEN



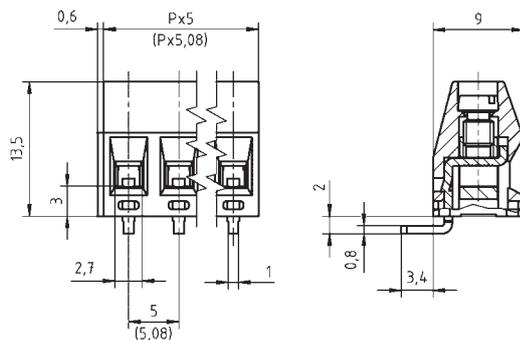
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	BLUE, RAL 5015		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK350/2-5.0-H-GREEN	50350020205F	200
3	15.60	AK350/3-5.0-H-GREEN	50350030205F	200
4	20.60	AK350/4-5.0-H-GREEN	50350040205F	200
5	25.60	AK350/5-5.0-H-GREEN	50350050205F	200
6	30.60	AK350/6-5.0-H-GREEN	50350060205E	100
7	35.60	AK350/7-5.0-H-GREEN	50350070205E	100
8	40.60	AK350/8-5.0-H-GREEN	50350080205E	100
9	45.60	AK350/9-5.0-H-GREEN	50350090205E	100
...
12	60.60	AK350/12-5.0-H-GREEN	50350120205D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ350/2-5.08-H-GREEN	50350020201F	200
3	15.84	AKZ350/3-5.08-H-GREEN	50350030201F	200
4	20.92	AKZ350/4-5.08-H-GREEN	50350040201F	200
5	26.00	AKZ350/5-5.08-H-GREEN	50350050201F	200
6	31.08	AKZ350/6-5.08-H-GREEN	50350060201E	100
7	36.16	AKZ350/7-5.08-H-GREEN	50350070201E	100
8	41.24	AKZ350/8-5.08-H-GREEN	50350080201E	100
9	46.32	AKZ350/9-5.08-H-GREEN	50350090201E	100
...
12	61.56	AKZ350/12-5.08-H-GREEN	50350120201D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RL US			VDE		
	B	C	D			
Rated Voltage	300 V	150 V	300 V		250 V	
Rated Current	15 A	15 A	10 A		17.5 A	
Rated Wire Size				min	max	
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.50 Nm	0.50 Nm	0.50 Nm		0.50 Nm	
Screw Size	M3	M3	M3		M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV		2.0 kV	



AK350/..-5.0-H-GREEN-HC AKZ350/..-5.08-H-GREEN-HC

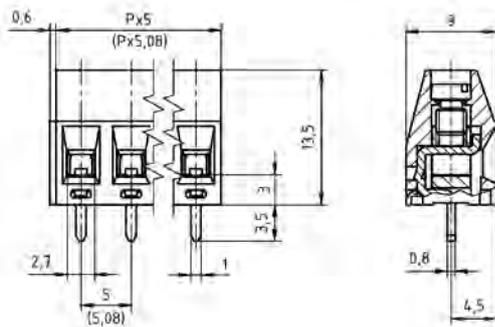
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	0.14 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	BLUE, RAL 5015		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK350/2-5.0-H-GREEN-HC	50350020295F	200
3	15.60	AK350/3-5.0-H-GREEN-HC	50350030295F	200
4	20.60	AK350/4-5.0-H-GREEN-HC	50350040295F	200
5	25.60	AK350/5-5.0-H-GREEN-HC	50350050295F	200
6	30.60	AK350/6-5.0-H-GREEN-HC	50350060295E	100
7	35.60	AK350/7-5.0-H-GREEN-HC	50350070295E	100
8	40.60	AK350/8-5.0-H-GREEN-HC	50350080295E	100
9	45.60	AK350/9-5.0-H-GREEN-HC	50350090295E	100
...
12	60.60	AK350/12-5.0-H-GREEN-HC	50350120295D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ350/2-5.08-H-GREEN-HC	50350020291F	200
3	15.84	AKZ350/3-5.08-H-GREEN-HC	50350030291F	200
4	20.92	AKZ350/4-5.08-H-GREEN-HC	50350040291F	200
5	26.00	AKZ350/5-5.08-H-GREEN-HC	50350050291F	200
6	31.08	AKZ350/6-5.08-H-GREEN-HC	50350060291E	100
7	36.16	AKZ350/7-5.08-H-GREEN-HC	50350070291E	100
8	41.24	AKZ350/8-5.08-H-GREEN-HC	50350080291E	100
9	46.32	AKZ350/9-5.08-H-GREEN-HC	50350090291E	100
...
12	61.56	AKZ350/12-5.08-H-GREEN-HC	50350120291D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE		
	B	C	D	250 V		
Rated Voltage	300 V	150 V	300 V	250 V		
Rated Current	19 A	19 A	10 A	24 A		
Rated Wire Size			min		max	
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.50 Nm		0.50 Nm		0.50 Nm	
Screw Size	M3		M3		M3	
Test Voltage	1.6 kV		1.6 kV		2.0 kV	

AK370/..-5.0-V-GREEN



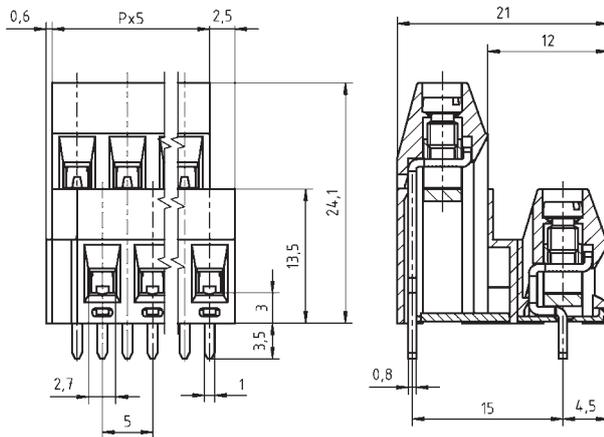
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

- GREEN, RAL 6018
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.10	AK370/2-5.0-V-GREEN	50370020005E	100
3	18.10	AK370/3-5.0-V-GREEN	50370030005E	100
4	23.10	AK370/4-5.0-V-GREEN	50370040005E	100
5	28.10	AK370/5-5.0-V-GREEN	50370050005D	50
6	33.10	AK370/6-5.0-V-GREEN	50370060005D	50
7	38.10	AK370/7-5.0-V-GREEN	50370070005D	50
8	43.10	AK370/8-5.0-V-GREEN	50370080005D	50
9	48.10	AK370/9-5.0-V-GREEN	50370090005D	50
10	53.10	AK370/10-5.0-V-GREEN	50370100005D	50
11	58.10	AK370/11-5.0-V-GREEN	50370110005D	50
12	63.10	AK370/12-5.0-V-GREEN	50370120005D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE		
	B	C	D			
Rated Voltage	300 V	150 V	300 V	250 V		
Rated Current	15 A	15 A	10 A	17.5 A		
Rated Wire Size			min		max	
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.50 Nm		0.50 Nm		0.50 Nm	
Screw Size	M3		M3		M3	
Test Voltage	1.6 kV		1.6 kV		2.0 kV	



AK370/..-5.0-V-GREEN-HC

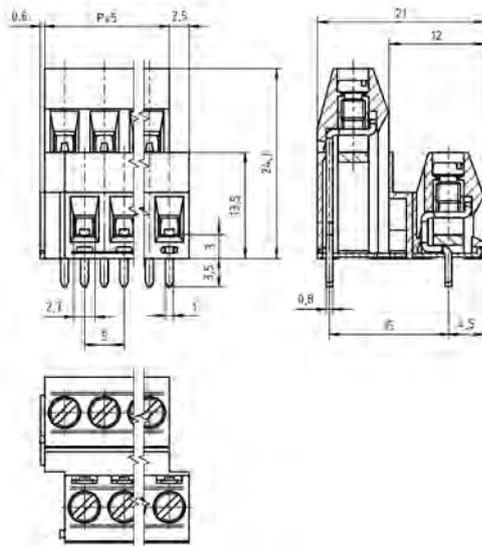
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.10	AK370/2-5.0-V-GREEN-HC	50370020009E	100
3	18.10	AK370/3-5.0-V-GREEN-HC	50370030009E	100
4	23.10	AK370/4-5.0-V-GREEN-HC	50370040009E	100
5	28.10	AK370/5-5.0-V-GREEN-HC	50370050009D	50
6	33.10	AK370/6-5.0-V-GREEN-HC	50370060009D	50
7	38.10	AK370/7-5.0-V-GREEN-HC	50370070009D	50
8	43.10	AK370/8-5.0-V-GREEN-HC	50370080009D	50
9	48.10	AK370/9-5.0-V-GREEN-HC	50370090009D	50
10	53.10	AK370/10-5.0-V-GREEN-HC	50370100009D	50
11	58.10	AK370/11-5.0-V-GREEN-HC	50370110009D	50
12	63.10	AK370/12-5.0-V-GREEN-HC	50370120009D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE	
	B	C	D	250 V	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	19 A	19 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 1.5 mm ²
Torque	0.50 Nm		0.50 Nm	0.50 Nm	
Screw Size	M3		M3	M3	
Test Voltage	1.6 kV		1.6 kV	2.0 kV	

AK700/..-5.0-V-GREEN AKZ700/..-5.08-V-GREEN



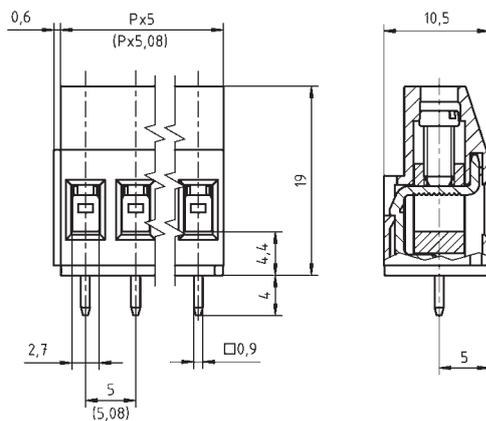
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	8.0 mm	Soldering Temperature, recommended	-
PCB Hole Diameter	1.3 mm	Peak Soldering Time, recommended	-
Materials			
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		GREY, RAL 7016
	PEBBLE GREY, RAL 7032		BLUE, RAL 5015
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK700/2-5.0-V-GREEN	50700020201F	200
3	15.60	AK700/3-5.0-V-GREEN	50700030201F	200
4	20.60	AK700/4-5.0-V-GREEN	50700040201F	200
5	25.60	AK700/5-5.0-V-GREEN	50700050201F	200
6	30.60	AK700/6-5.0-V-GREEN	50700060201E	100
7	35.60	AK700/7-5.0-V-GREEN	50700070201E	100
8	40.60	AK700/8-5.0-V-GREEN	50700080201E	100
9	45.60	AK700/9-5.0-V-GREEN	50700090201E	100
...
12	60.60	AK700/12-5.0-V-GREEN	50700120201D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ700/2-5.08-V-GREEN	50700020213F	200
3	15.84	AKZ700/3-5.08-V-GREEN	50700030213F	200
4	20.92	AKZ700/4-5.08-V-GREEN	50700040213F	200
5	26.00	AKZ700/5-5.08-V-GREEN	50700050213F	200
6	31.08	AKZ700/6-5.08-V-GREEN	50700060213E	100
7	36.16	AKZ700/7-5.08-V-GREEN	50700070213E	100
8	41.24	AKZ700/8-5.08-V-GREEN	50700080213E	100
9	46.32	AKZ700/9-5.08-V-GREEN	50700090213E	100
...
12	61.56	AKZ700/12-5.08-V-GREEN	50700120213D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Screw Cover SC-AK700-YELLOW	50700000004

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	20 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 30-12	-	AWG 30-12	0.5 mm ² / 4.0 mm ²
	stranded	AWG 30-12	-	AWG 30-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm		0.45 Nm		0.50 Nm
Screw Size	M3		M3		M3
Test Voltage	1.6 kV		1.6 kV		2.0 kV



AK700/..-5.0-V-GREEN-BR

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	8.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

 GREEN, RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

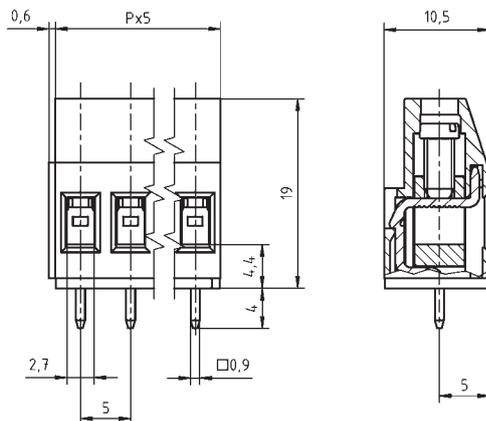
Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
3	15.60	AK700/3-5.0-V-GREEN-BR	50700030045F	200

Accessories

Figure	Designation	Article Number
	Screw Cover SC-AK700-YELLOW	50700000004

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	20 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 30-12	-	AWG 30-12	0.5 mm ² / 4.0 mm ²
	stranded	AWG 30-12	-	AWG 30-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm		0.45 Nm		0.50 Nm
Screw Size	M3		M3		M3
Test Voltage	1.6 kV		1.6 kV		2.0 kV

AK700/..-5.0-H-GREEN AKZ700/..-5.08-H-GREEN



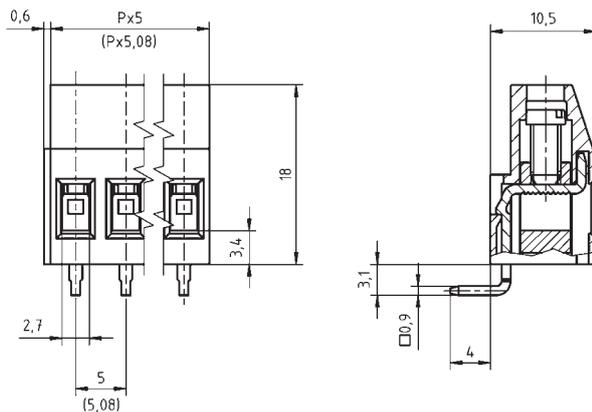
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	8.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		GREY, RAL 7016
	PEBBLE GREY, RAL 7032		BLUE, RAL 5015
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK700/2-5.0-H-GREEN	50700020261F	200
3	15.60	AK700/3-5.0-H-GREEN	50700030261F	200
4	20.60	AK700/4-5.0-H-GREEN	50700040261F	200
5	25.60	AK700/5-5.0-H-GREEN	50700050261F	200
6	30.60	AK700/6-5.0-H-GREEN	50700060261E	100
7	35.60	AK700/7-5.0-H-GREEN	50700070261E	100
8	40.60	AK700/8-5.0-H-GREEN	50700080261E	100
9	45.60	AK700/9-5.0-H-GREEN	50700090261E	100
...
12	60.60	AK700/12-5.0-H-GREEN	50700120261D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ700/2-5.08-H-GREEN	50700020274F	200
3	15.84	AKZ700/3-5.08-H-GREEN	50700030274F	200
4	20.92	AKZ700/4-5.08-H-GREEN	50700040274F	200
5	26.00	AKZ700/5-5.08-H-GREEN	50700050274F	200
6	31.08	AKZ700/6-5.08-H-GREEN	50700060274E	100
7	36.16	AKZ700/7-5.08-H-GREEN	50700070274E	100
8	41.24	AKZ700/8-5.08-H-GREEN	50700080274E	100
9	46.32	AKZ700/9-5.08-H-GREEN	50700090274E	100
...
12	61.56	AKZ700/12-5.08-H-GREEN	50700120274D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Screw Cover SC-AK700-YELLOW	50700000004

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c				
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	24 A	
Rated Wire Size				min max	
	solid	AWG 30-12	-	AWG 30-12	0.5 mm ² 4.0 mm ²
	stranded	AWG 30-12	-	AWG 30-12	0.5 mm ² 2.5 mm ²
Torque	0.45 Nm		0.45 Nm 0.50 Nm		
Screw Size	M3		M3 M3		
Test Voltage	1.6 kV		1.6 kV 2.0 kV		

AKZ770/..-5.08-V-GREEN



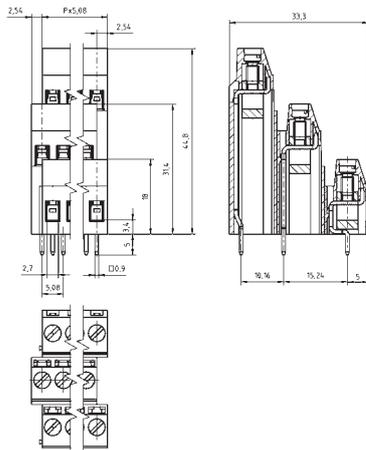
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	8.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

- GREEN, RAL 6018
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	12.70	AKZ770/2-5.08-V-GREEN	50770020210D	50
3	17.78	AKZ770/3-5.08-V-GREEN	50770030210D	50
4	22.86	AKZ770/4-5.08-V-GREEN	50770040210D	50
5	27.94	AKZ770/5-5.08-V-GREEN	50770050210D	50
6	33.02	AKZ770/6-5.08-V-GREEN	50770060210D	50
7	38.10	AKZ770/7-5.08-V-GREEN	50770070210D	50
8	43.18	AKZ770/8-5.08-V-GREEN	50770080210D	50
9	48.26	AKZ770/9-5.08-V-GREEN	50770090210D	50
10	53.34	AKZ770/10-5.08-V-GREEN	50770100210D	50
11	58.42	AKZ770/11-5.08-V-GREEN	50770110210D	50
12	63.50	AKZ770/12-5.08-V-GREEN	50770120210D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Screw Cover SC-AK700-YELLOW	50700000004

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE		
	B	C	D			
Rated Voltage	300 V	150 V	300 V	250 V		
Rated Current	20 A	20 A	10 A	22 A		
Rated Wire Size			min		max	
	solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ²	2.5 mm ²
Torque	0.45 Nm		0.45 Nm	0.50 Nm		
Screw Size	M3		M3	M3		
Test Voltage	1.6 kV		1.3 kV	1.6 kV		
				2.0 kV		



AK790/..-5.0-V-GREEN

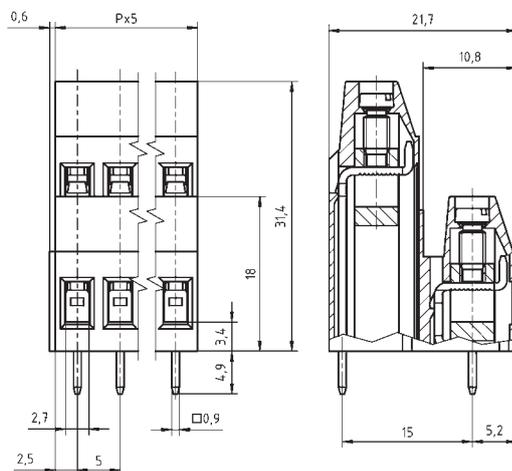
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	8.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK790/2-5.0-V-GREEN	50790020201D	50
3	15.60	AK790/3-5.0-V-GREEN	50790030201D	50
4	20.60	AK790/4-5.0-V-GREEN	50790040201D	50
5	25.60	AK790/5-5.0-V-GREEN	50790050201D	50
6	30.60	AK790/6-5.0-V-GREEN	50790060201D	50
7	35.60	AK790/7-5.0-V-GREEN	50790070201D	50
8	40.60	AK790/8-5.0-V-GREEN	50790080201D	50
9	45.60	AK790/9-5.0-V-GREEN	50790090201D	50
10	50.60	AK790/10-5.0-V-GREEN	50790100201D	50
11	55.60	AK790/11-5.0-V-GREEN	50790110201D	50
12	60.60	AK790/12-5.0-V-GREEN	50790120201D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Screw Cover SC-AK700-YELLOW	50700000004

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE	
	B	C	D	250 V	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 4.0 mm ²
	stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm		0.45 Nm	0.50 Nm	
Screw Size	M3		M3	M3	
Test Voltage	1.6 kV		1.3 kV	1.6 kV / 2.0 kV	

AK793/..-5.0-V-GREEN



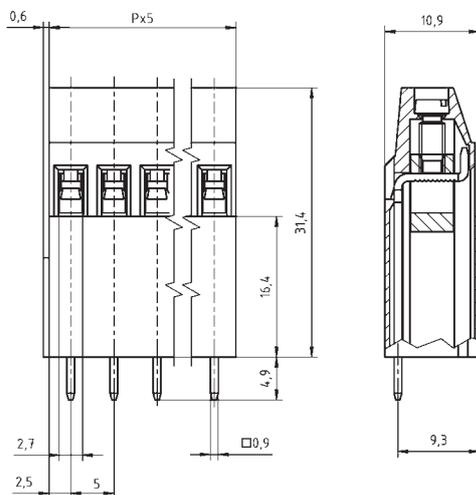
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	8.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK793/2-5.0-V-GREEN	50793020201D	50
4	20.60	AK793/4-5.0-V-GREEN	50793040201D	50
6	30.60	AK793/6-5.0-V-GREEN	50793060201D	50
8	40.60	AK793/8-5.0-V-GREEN	50793080201D	50
10	50.60	AK793/10-5.0-V-GREEN	50793100201D	50
12	60.60	AK793/12-5.0-V-GREEN	50793120201D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Screw Cover SC-AK700-YELLOW	50700000004

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ²
	stranded	AWG 30-12	AWG 30-12	AWG 30-12	4.0 mm ²
Torque	0.45 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV		1.3 kV	1.6 kV	
				2.0 kV	



AKZ840/..-6.35-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	6.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	0.2 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	4.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.6 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Brass		

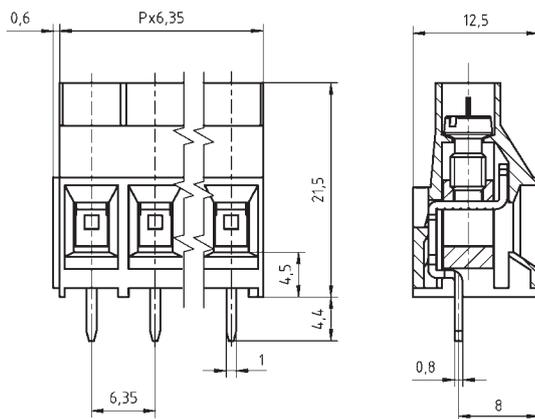
Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 6.35 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.30	AKZ840/2-6.35-V-GREEN	50840020201D	50
3	19.65	AKZ840/3-6.35-V-GREEN	50840030201D	50
4	26.00	AKZ840/4-6.35-V-GREEN	50840040201D	50
5	32.35	AKZ840/5-6.35-V-GREEN	50840050201D	50
6	38.70	AKZ840/6-6.35-V-GREEN	50840060201D	50
7	45.05	AKZ840/7-6.35-V-GREEN	50840070201D	50
8	51.40	AKZ840/8-6.35-V-GREEN	50840080201D	50
9	57.75	AKZ840/9-6.35-V-GREEN	50840090201D	50
10	64.10	AKZ840/10-6.35-V-GREEN	50840100201D	50
11	70.45	AKZ840/11-6.35-V-GREEN	50840110201D	50
12	76.80	AKZ840/12-6.35-V-GREEN	50840120201D	50
13	83.15	AKZ840/13-6.35-V-GREEN	50840130201D	50
14	89.50	AKZ840/14-6.35-V-GREEN	50840140201D	50
15	95.85	AKZ840/15-6.35-V-GREEN	50840150201D	50
16	102.20	AKZ840/16-6.35-V-GREEN	50840160201D	50

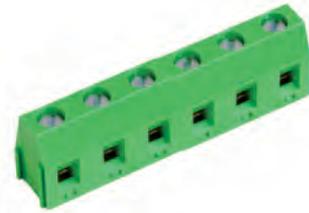


Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	450 V	
Rated Current	30 A	-	10 A	32 A	
Rated Wire Size			min		max
	solid	AWG 28-10	-	AWG 28-10	1.5 mm ² / 4.0 mm ²
	stranded	AWG 28-10	-	AWG 28-10	1.5 mm ² / 4.0 mm ²
Torque	0.80 Nm		0.80 Nm		0.80 Nm
Screw Size	M3.5		M3.5		M3.5
Test Voltage	1.6 kV		1.6 kV		6.0 kV

AK360/..-7.5-V-GREEN



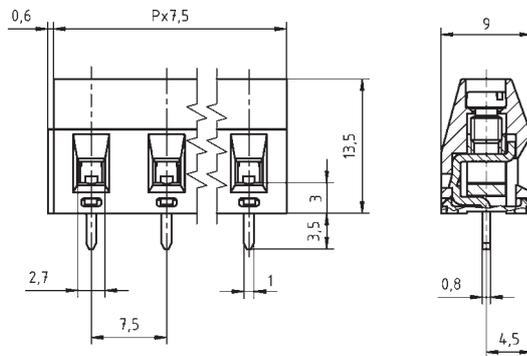
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK360/2-7.5-V-GREEN	50360020005F	200
3	23.10	AK360/3-7.5-V-GREEN	50360030005F	200
4	30.60	AK360/4-7.5-V-GREEN	50360040005F	200
5	38.10	AK360/5-7.5-V-GREEN	50360050005E	100
6	45.60	AK360/6-7.5-V-GREEN	50360060005E	100
7	53.10	AK360/7-7.5-V-GREEN	50360070005E	100
8	60.60	AK360/8-7.5-V-GREEN	50360080005E	100
9	68.10	AK360/9-7.5-V-GREEN	50360090005E	100
10	75.60	AK360/10-7.5-V-GREEN	50360100005D	50
11	83.10	AK360/11-7.5-V-GREEN	50360110005D	50
12	90.60	AK360/12-7.5-V-GREEN	50360120005D	50

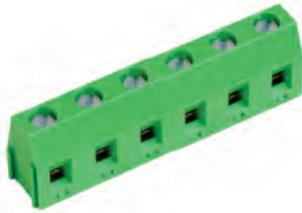
Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE	
	B	C	D	750 V	
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 1.5 mm ²
Torque	0.50 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV			1.6 kV / 3.0 kV	



AK360/..-7.5-V-GREEN-HC

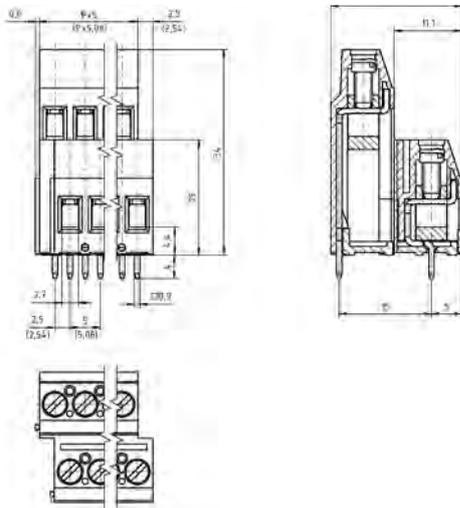
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK360/2-7.5-V-GREEN-HC	50360020009F	200
3	23.10	AK360/3-7.5-V-GREEN-HC	50360030009F	200
4	30.60	AK360/4-7.5-V-GREEN-HC	50360040009F	200
5	38.10	AK360/5-7.5-V-GREEN-HC	50360050009E	100
6	45.60	AK360/6-7.5-V-GREEN-HC	50360060009E	100
7	53.10	AK360/7-7.5-V-GREEN-HC	50360070009E	100
8	60.60	AK360/8-7.5-V-GREEN-HC	50360080009E	100
9	68.10	AK360/9-7.5-V-GREEN-HC	50360090009E	100
10	75.60	AK360/10-7.5-V-GREEN-HC	50360100009D	50
11	83.10	AK360/11-7.5-V-GREEN-HC	50360110009D	50
12	90.60	AK360/12-7.5-V-GREEN-HC	50360120009D	50

Accessories

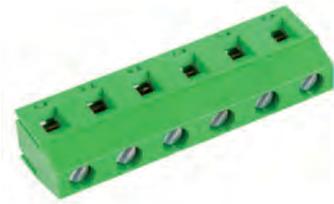
Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-7.5/7.62-L8.2-LIGHT GREY	50000000017

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE		
	B	C	D	750 V		
Rated Voltage	300 V	150 V	300 V	750 V		
Rated Current	19 A	19 A	10 A	24 A		
Rated Wire Size	min					max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm		
Screw Size	M3	M3	M3	M3		
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.0 kV		

AK360/..-7.5-H-GREEN



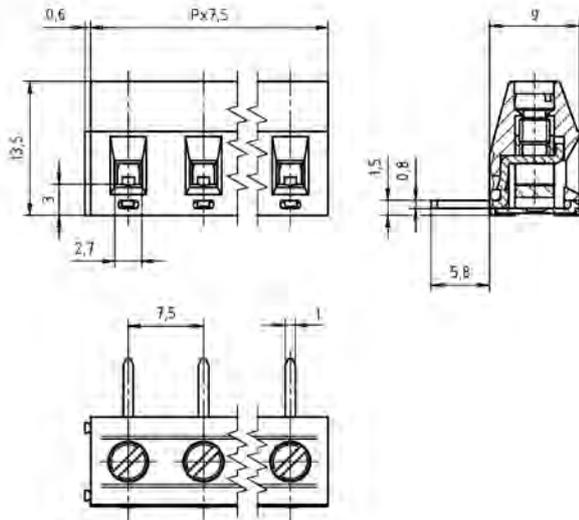
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

■ GREEN, RAL 6018 ■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK360/2-7.5-H-GREEN	50360020207F	200
3	23.10	AK360/3-7.5-H-GREEN	50360030207F	200
4	30.60	AK360/4-7.5-H-GREEN	50360040207F	200
5	38.10	AK360/5-7.5-H-GREEN	50360050207E	100
6	45.60	AK360/6-7.5-H-GREEN	50360060207E	100
7	53.10	AK360/7-7.5-H-GREEN	50360070207E	100
8	60.60	AK360/8-7.5-H-GREEN	50360080207E	100
9	68.10	AK360/9-7.5-H-GREEN	50360090207E	100
10	75.60	AK360/10-7.5-H-GREEN	50360100207D	50
11	83.10	AK360/11-7.5-H-GREEN	50360110207D	50
12	90.60	AK360/12-7.5-H-GREEN	50360120207D	50

Accessories

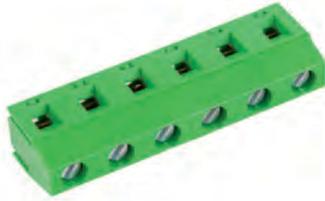
Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-7.5/7.62-L8.2-LIGHT GREY	50000000017

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²
Torque	0.50 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV			1.6 kV	
				3.0 kV	



AK360/..-7.5-H-GREEN-HC

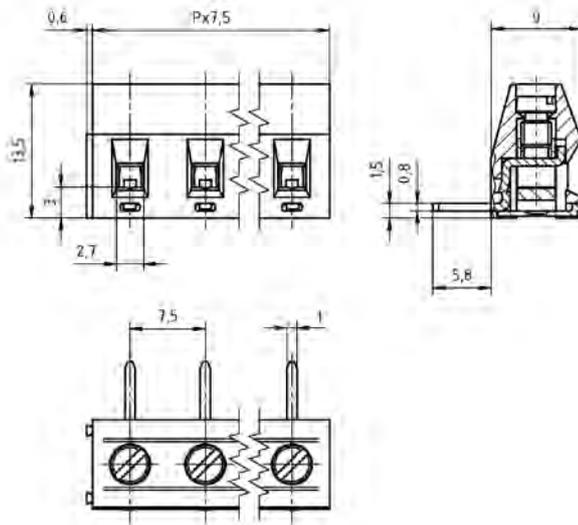
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

GREEN, RAL 6018 BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK360/2-7.5-H-GREEN-HC	50360020209F	200
3	23.10	AK360/3-7.5-H-GREEN-HC	50360030209F	200
4	30.60	AK360/4-7.5-H-GREEN-HC	50360040209F	200
5	38.10	AK360/5-7.5-H-GREEN-HC	50360050209E	100
6	45.60	AK360/6-7.5-H-GREEN-HC	50360060209E	100
7	53.10	AK360/7-7.5-H-GREEN-HC	50360070209E	100
8	60.60	AK360/8-7.5-H-GREEN-HC	50360080209E	100
9	68.10	AK360/9-7.5-H-GREEN-HC	50360090209E	100
10	75.60	AK360/10-7.5-H-GREEN-HC	50360100209D	50
11	83.10	AK360/11-7.5-H-GREEN-HC	50360110209D	50
12	90.60	AK360/12-7.5-H-GREEN-HC	50360120209D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRV2-7.5/7.62-L8.2-LIGHT GREY	50000000017

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 					
	B	C	D	750 V		
Rated Voltage	300 V	150 V	300 V	750 V		
Rated Current	19 A	19 A	10 A	24 A		
Rated Wire Size				min	max	
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.50 Nm		0.50 Nm	0.50 Nm		
Screw Size	M3		M3	M3		
Test Voltage	1.6 kV		1.3 kV	1.6 kV		
				3.0 kV		

AK710/..-7.5-V-GREEN AKZ710/..-7.62-V-GREEN



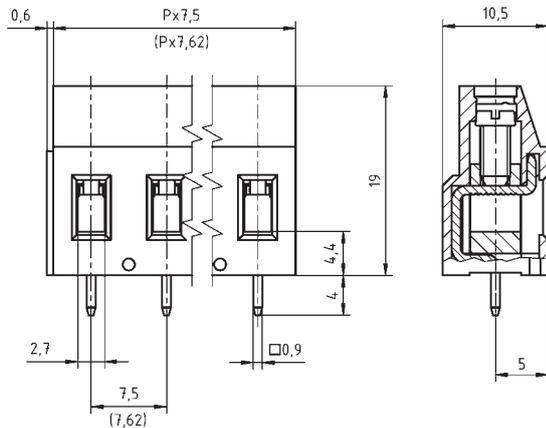
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	8.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	PEBBLE GREY, RAL 7032		BLUE, RAL 5015
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK710/2-7.5-V-GREEN	50710020201E	100
3	23.10	AK710/3-7.5-V-GREEN	50710030201E	100
4	30.60	AK710/4-7.5-V-GREEN	50710040201E	100
5	38.10	AK710/5-7.5-V-GREEN	50710050201E	100
6	45.60	AK710/6-7.5-V-GREEN	50710060201D	50
7	53.10	AK710/7-7.5-V-GREEN	50710070201D	50
8	60.60	AK710/8-7.5-V-GREEN	50710080201D	50
9	68.10	AK710/9-7.5-V-GREEN	50710090201D	50
...
12	90.60	AK710/12-7.5-V-GREEN	50710120201D	50

Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ710/2-7.62-V-GREEN	50710020213E	100
3	23.46	AKZ710/3-7.62-V-GREEN	50710030213E	100
4	31.08	AKZ710/4-7.62-V-GREEN	50710040213E	100
5	38.70	AKZ710/5-7.62-V-GREEN	50710050213E	100
6	46.32	AKZ710/6-7.62-V-GREEN	50710060213D	50
7	53.94	AKZ710/7-7.62-V-GREEN	50710070213D	50
8	61.56	AKZ710/8-7.62-V-GREEN	50710080213D	50
9	69.18	AKZ710/9-7.62-V-GREEN	50710090213D	50
...
12	92.04	AKZ710/12-7.62-V-GREEN	50710120213D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017
	Screw Cover SC-AK700-YELLOW	50700000004

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus			VDE	
	B	C	D	750 V	
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 4.0 mm ²
	stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 2.5 mm ²
Torque	0.45 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.0 kV	



AKZ841/..-9.52-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	6.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	4.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	4.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	1.6 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Brass		

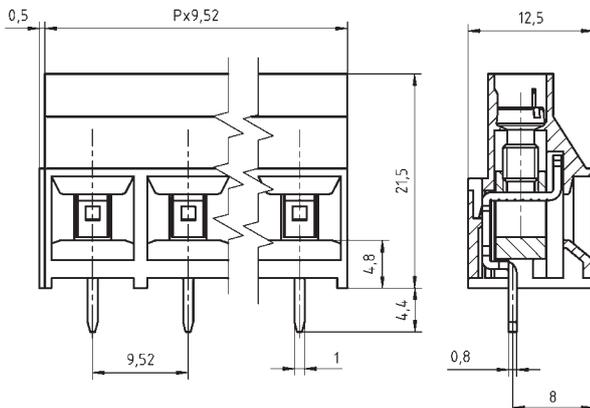
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 9.52 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	19.54	AKZ841/2-9.52-V-GREEN	50841020201D	50
3	29.06	AKZ841/3-9.52-V-GREEN	50841030201D	50
4	38.58	AKZ841/4-9.52-V-GREEN	50841040201D	50
5	48.10	AKZ841/5-9.52-V-GREEN	50841050201D	50
6	57.62	AKZ841/6-9.52-V-GREEN	50841060201D	50
7	67.14	AKZ841/7-9.52-V-GREEN	50841070201D	50
8	76.66	AKZ841/8-9.52-V-GREEN	50841080201D	50
9	86.18	AKZ841/9-9.52-V-GREEN	50841090201D	50
10	95.70	AKZ841/10-9.52-V-GREEN	50841100201D	50
11	105.22	AKZ841/11-9.52-V-GREEN	50841110201D	50
12	114.74	AKZ841/12-9.52-V-GREEN	50841120201D	50
13	124.26	AKZ841/13-9.52-V-GREEN	50841130201D	50
14	133.78	AKZ841/14-9.52-V-GREEN	50841140201D	50
15	143.30	AKZ841/15-9.52-V-GREEN	50841150201D	50
16	152.82	AKZ841/16-9.52-V-GREEN	50841160201D	50

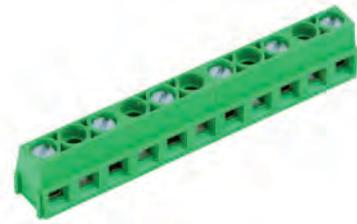


Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	600 V	1000 V	
Rated Current	30 A	-	5 A	32 A	
Rated Wire Size			min		max
	solid	AWG 28-10	-	AWG 28-10	0.2 mm ² / 4.0 mm ²
	stranded	AWG 28-10	-	AWG 28-10	0.2 mm ² / 4.0 mm ²
Torque	0.80 Nm		0.80 Nm		0.80 Nm
Screw Size	M3.5		M3.5		M3.5
Test Voltage	1.6 kV		2.2 kV		3.5 kV

AKZ250/..-10.16-V-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Bronze		

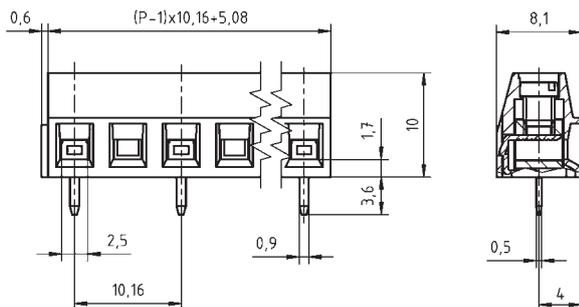
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.16 mm)

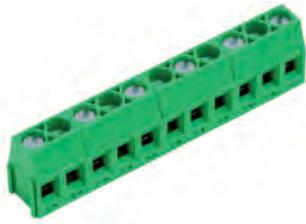
Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ250/2-10.16-V-GREEN	50250020021F	200
3	26.00	AKZ250/3-10.16-V-GREEN	50250030021F	200
4	36.16	AKZ250/4-10.16-V-GREEN	50250040021E	100
5	46.32	AKZ250/5-10.16-V-GREEN	50250050021E	100
6	56.48	AKZ250/6-10.16-V-GREEN	50250060021D	50



Ratings



Usegroup	B	C	D	1000 V	
Rated Voltage	300 V	150 V	300 V		
Rated Current	15 A	15 A	10 A	13 A	
Rated Wire Size				min	max
	solid	AWG 28-14	AWG 28-14	AWG 28-14	0.5 mm ² / 1.5 mm ²
	stranded	AWG 28-14	AWG 28-14	AWG 28-14	0.5 mm ² / 1.5 mm ²
Torque	0.50 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV		1.3 kV	1.6 kV / 3.5 kV	



AK350/..-10.0-V-GREEN AKZ350/..-10.16-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

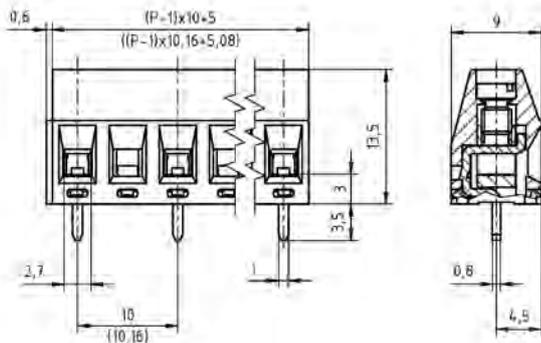
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK350/2-10.0-V-GREEN	50350020025F	200
3	25.60	AK350/3-10.0-V-GREEN	50350030025F	200
4	35.60	AK350/4-10.0-V-GREEN	50350040025E	100
5	45.60	AK350/5-10.0-V-GREEN	50350050025E	100
6	55.60	AK350/6-10.0-V-GREEN	50350060025D	50
7	65.60	AK350/7-10.0-V-GREEN	50350070025D	50
8	75.60	AK350/8-10.0-V-GREEN	50350080025D	50
9	85.60	AK350/9-10.0-V-GREEN	50350090025D	50
...
12	115.60	AK350/12-10.0-V-GREEN	50350120025D	50

Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ350/2-10.16-V-GREEN	50350020021F	200
3	26.00	AKZ350/3-10.16-V-GREEN	50350030021F	200
4	36.16	AKZ350/4-10.16-V-GREEN	50350040021E	100
5	46.32	AKZ350/5-10.16-V-GREEN	50350050021E	100
6	56.48	AKZ350/6-10.16-V-GREEN	50350060021D	50
7	66.64	AKZ350/7-10.16-V-GREEN	50350070021D	50
8	76.80	AKZ350/8-10.16-V-GREEN	50350080021D	50
9	86.96	AKZ350/9-10.16-V-GREEN	50350090021D	50
...
12	117.44	AKZ350/12-10.16-V-GREEN	50350120021D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	1000 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	2.5 mm ²
Torque	0.50 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV			1.6 kV	
				3.5 kV	

AK350/..-10.0-V-GREEN-HC

AKZ350/..-10.16-V-GREEN-HC



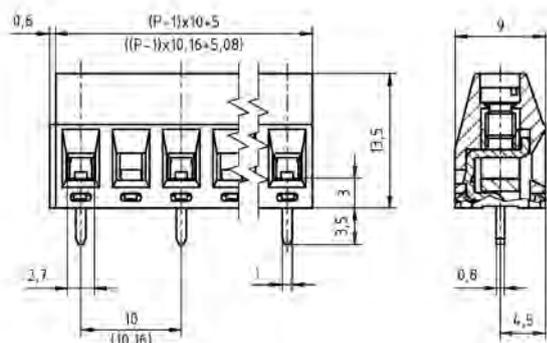
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK350/2-10.0-V-GREEN-HC	50350020925F	200
3	25.60	AK350/3-10.0-V-GREEN-HC	50350030925F	200
4	35.60	AK350/4-10.0-V-GREEN-HC	50350040925E	100
5	45.60	AK350/5-10.0-V-GREEN-HC	50350050925E	100
6	55.60	AK350/6-10.0-V-GREEN-HC	50350060925D	50
7	65.60	AK350/7-10.0-V-GREEN-HC	50350070925D	50
8	75.60	AK350/8-10.0-V-GREEN-HC	50350080925D	50
9	85.60	AK350/9-10.0-V-GREEN-HC	50350090925D	50
...
12	115.60	AK350/12-10.0-V-GREEN-HC	50350120925D	50

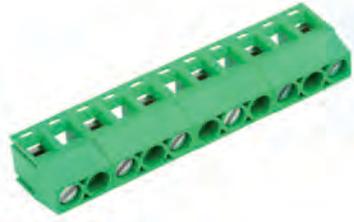
Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ350/2-10.16-V-GREEN-HC	50350020921F	200
3	26.00	AKZ350/3-10.16-V-GREEN-HC	50350030921F	200
4	36.16	AKZ350/4-10.16-V-GREEN-HC	50350040921E	100
5	46.32	AKZ350/5-10.16-V-GREEN-HC	50350050921E	100
6	56.48	AKZ350/6-10.16-V-GREEN-HC	50350060921D	50
7	66.64	AKZ350/7-10.16-V-GREEN-HC	50350070921D	50
8	76.80	AKZ350/8-10.16-V-GREEN-HC	50350080921D	50
9	86.96	AKZ350/9-10.16-V-GREEN-HC	50350090921D	50
...
12	117.44	AKZ350/12-10.16-V-GREEN-HC	50350120921D	50

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	1000 V	
Rated Current	19 A	19 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 1.5 mm ²
Torque	0.50 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV		1.3 kV	1.6 kV / 3.5 kV	



AK350/..-10.0-H-GREEN AKZ350/..-10.16-H-GREEN

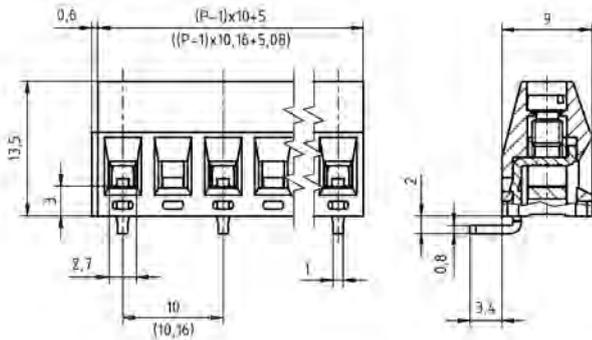
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK350/2-10.0-H-GREEN	50350020225F	200
3	25.60	AK350/3-10.0-H-GREEN	50350030225F	200
4	35.60	AK350/4-10.0-H-GREEN	50350040225E	100
5	45.60	AK350/5-10.0-H-GREEN	50350050225E	100
6	55.60	AK350/6-10.0-H-GREEN	50350060225D	50
7	65.60	AK350/7-10.0-H-GREEN	50350070225D	50
8	75.60	AK350/8-10.0-H-GREEN	50350080225D	50
9	85.60	AK350/9-10.0-H-GREEN	50350090225D	50
...
12	115.60	AK350/12-10.0-H-GREEN	50350120225D	50

Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ350/2-10.16-H-GREEN	50350020221F	200
3	26.00	AKZ350/3-10.16-H-GREEN	50350030221F	200
4	36.16	AKZ350/4-10.16-H-GREEN	50350040221E	100
5	46.32	AKZ350/5-10.16-H-GREEN	50350050221E	100
6	56.48	AKZ350/6-10.16-H-GREEN	50350060221D	50
7	66.64	AKZ350/7-10.16-H-GREEN	50350070221D	50
8	76.80	AKZ350/8-10.16-H-GREEN	50350080221D	50
9	86.96	AKZ350/9-10.16-H-GREEN	50350090221D	50
...
12	117.44	AKZ350/12-10.16-H-GREEN	50350120221D	50

Ratings

Usegroup						
	B	C	D			
Rated Voltage	300 V	150 V	300 V	1000 V		
Rated Current	15 A	15 A	10 A	17.5 A		
Rated Wire Size	min					max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm		
Screw Size	M3	M3	M3	M3		
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV		

AK350/..-10.0-H-GREEN-HC AKZ350/..-10.16-H-GREEN-HC



NEW

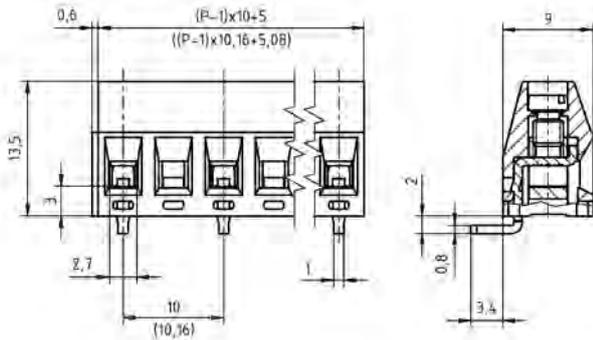
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

Colours

- GREEN, RAL 6018
- LIGHT GREY, RAL 7035
- BLUE, RAL 5015
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK350/2-10.0-H-GREEN-HC	50350020226F	200
3	25.60	AK350/3-10.0-H-GREEN-HC	50350030226F	200
4	35.60	AK350/4-10.0-H-GREEN-HC	50350040226E	100
5	45.60	AK350/5-10.0-H-GREEN-HC	50350050226E	100
6	55.60	AK350/6-10.0-H-GREEN-HC	50350060226D	50
7	65.60	AK350/7-10.0-H-GREEN-HC	50350070226D	50
8	75.60	AK350/8-10.0-H-GREEN-HC	50350080226D	50
9	85.60	AK350/9-10.0-H-GREEN-HC	50350090226D	50
...
12	115.60	AK350/12-10.0-H-GREEN-HC	50350120226D	50

Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ350/2-10.16-H-GREEN-HC	50350020229F	200
3	26.00	AKZ350/3-10.16-H-GREEN-HC	50350030229F	200
4	36.16	AKZ350/4-10.16-H-GREEN-HC	50350040229E	100
5	46.32	AKZ350/5-10.16-H-GREEN-HC	50350050229E	100
6	56.48	AKZ350/6-10.16-H-GREEN-HC	50350060229D	50
7	66.64	AKZ350/7-10.16-H-GREEN-HC	50350070229D	50
8	76.80	AKZ350/8-10.16-H-GREEN-HC	50350080229D	50
9	86.96	AKZ350/9-10.16-H-GREEN-HC	50350090229D	50
...
12	117.44	AKZ350/12-10.16-H-GREEN-HC	50350120229D	50

Ratings

Usegroup	cULus			VDE	
	B	C	D	1000 V	
Rated Voltage	300 V	150 V	300 V	1000 V	
Rated Current	19 A	19 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² / 1.5 mm ²
Torque	0.50 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV	



AK2200/..-5.0-V-GREEN

1- to n-poles

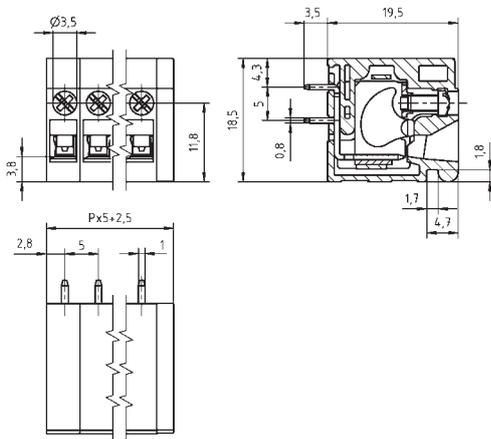
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Screw	Steel		
Solder Tag	Copper Alloy		
Clamp Cage	Steel		
Excenter	Steel		

Colours

- GREEN, RAL 6018
- BLACK, RAL 9011
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	7.50	AK2200/1-5.0-V-GREEN	52200010001E	100
2	12.50	AK2200/2-5.0-V-GREEN	52200020001D	50
3	17.50	AK2200/3-5.0-V-GREEN	52200030001D	50
4	22.50	AK2200/4-5.0-V-GREEN	52200040001D	50
5	27.50	AK2200/5-5.0-V-GREEN	52200050001D	50
6	32.50	AK2200/6-5.0-V-GREEN	52200060001D	50
7	37.50	AK2200/7-5.0-V-GREEN	52200070001D	50
8	42.50	AK2200/8-5.0-V-GREEN	52200080001D	50
9	47.50	AK2200/9-5.0-V-GREEN	52200090001D	50
10	52.50	AK2200/10-5.0-V-GREEN	52200100001D	50
11	57.50	AK2200/11-5.0-V-GREEN	52200110001D	50
12	62.50	AK2200/12-5.0-V-GREEN	52200120001D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK2200-GREEN	52200000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE	
	B	C	D	250 V	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 2.5 mm ²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M2.5	M2.5	M2.5	M2.5	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.0 kV	

AK2200/..-5.0-H-GREEN

1- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Screw	Steel		
Solder Tag	Copper Alloy		
Clamp Cage	Steel		
Excenter	Steel		

Colours

- GREEN, RAL 6018
- BLACK, RAL 9011
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

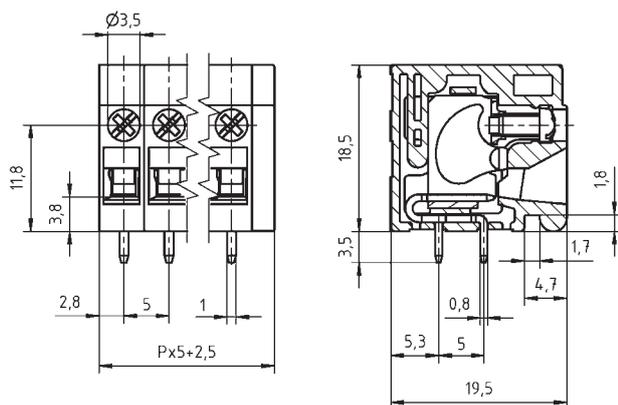
Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	7.50	AK2200/1-5.0-H-GREEN	52200010051E	100
2	12.50	AK2200/2-5.0-H-GREEN	52200020051D	50
3	17.50	AK2200/3-5.0-H-GREEN	52200030051D	50
4	22.50	AK2200/4-5.0-H-GREEN	52200040051D	50
5	27.50	AK2200/5-5.0-H-GREEN	52200050051D	50
6	32.50	AK2200/6-5.0-H-GREEN	52200060051D	50
7	37.50	AK2200/7-5.0-H-GREEN	52200070051D	50
8	42.50	AK2200/8-5.0-H-GREEN	52200080051D	50
9	47.50	AK2200/9-5.0-H-GREEN	52200090051D	50
10	52.50	AK2200/10-5.0-H-GREEN	52200100051D	50
11	57.50	AK2200/11-5.0-H-GREEN	52200110051D	50
12	62.50	AK2200/12-5.0-H-GREEN	52200120051D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK2200-GREEN	52200000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	cULus			VDE	
	B	C	D	250 V	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 2.5 mm ²
Torque	0.50 Nm			0.50 Nm	
Screw Size	M2.5			M2.5	
Test Voltage	1.6 kV			2.0 kV	

AK2200/..-7.5-V-GREEN

2- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Screw	Steel		
Solder Tag	Copper Alloy		
Clamp Cage	Steel		
Excenter	Steel		

Colours

- GREEN, RAL 6018
- BLACK, RAL 9011
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

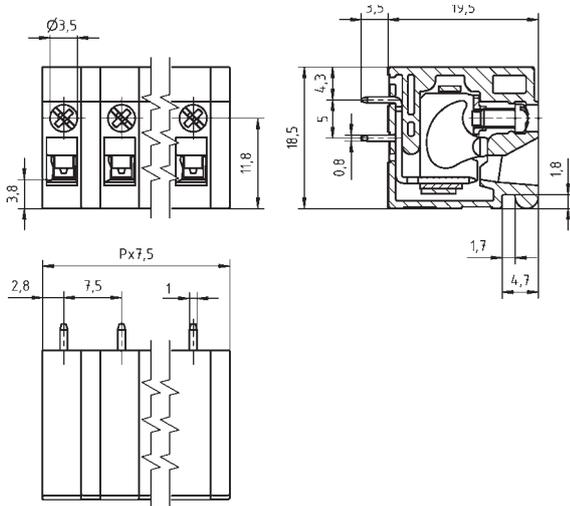
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK2200/2-7.5-V-GREEN	52200020021D	50
3	22.50	AK2200/3-7.5-V-GREEN	52200030021D	50
4	30.00	AK2200/4-7.5-V-GREEN	52200040021D	50
5	37.50	AK2200/5-7.5-V-GREEN	52200050021D	50
6	45.00	AK2200/6-7.5-V-GREEN	52200060021D	50
7	52.50	AK2200/7-7.5-V-GREEN	52200070021D	50
8	60.00	AK2200/8-7.5-V-GREEN	52200080021D	50
9	67.50	AK2200/9-7.5-V-GREEN	52200090021D	50
10	75.00	AK2200/10-7.5-V-GREEN	52200100021D	50
11	82.50	AK2200/11-7.5-V-GREEN	52200110021D	50
12	90.00	AK2200/12-7.5-V-GREEN	52200120021D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK2200-GREEN	52200000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	c ALUS			VDE	
	B	C	D	450 V	
Rated Voltage	300 V	150 V	300 V	450 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 30-12	AWG 30-12	0.5 mm ²	2.5 mm ²
	stranded	AWG 30-12	AWG 30-12	0.5 mm ²	2.5 mm ²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M2.5	M2.5	M2.5	M2.5	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.5 kV	

AK2200/..-7.5-H-GREEN

2- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Screw	Steel		
Solder Tag	Copper Alloy		
Clamp Cage	Steel		
Excenter	Steel		

Colours

- GREEN, RAL 6018
- BLACK, RAL 9011
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

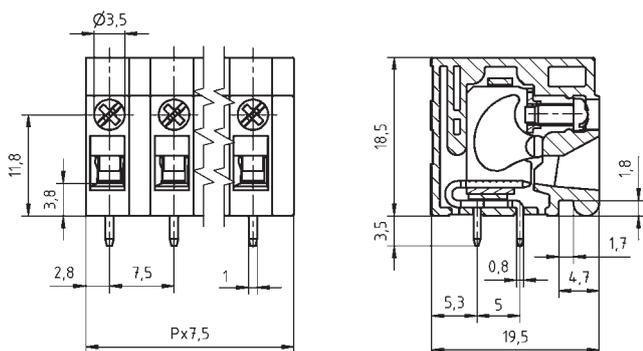
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK2200/2-7.5-H-GREEN	52200020071D	50
3	22.50	AK2200/3-7.5-H-GREEN	52200030071D	50
4	30.00	AK2200/4-7.5-H-GREEN	52200040071D	50
5	37.50	AK2200/5-7.5-H-GREEN	52200050071D	50
6	45.00	AK2200/6-7.5-H-GREEN	52200060071D	50
7	52.50	AK2200/7-7.5-H-GREEN	52200070071D	50
8	60.00	AK2200/8-7.5-H-GREEN	52200080071D	50
9	67.50	AK2200/9-7.5-H-GREEN	52200090071D	50
10	75.00	AK2200/10-7.5-H-GREEN	52200100071D	50
11	82.50	AK2200/11-7.5-H-GREEN	52200110071D	50
12	90.00	AK2200/12-7.5-H-GREEN	52200120071D	50

Accessories

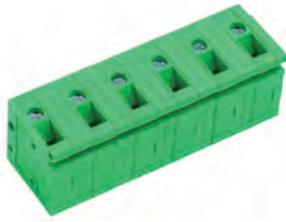
Figure	Designation	Article Number
	Spacer SPC-AK2200-GREEN	52200000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup					
	B	C	D		
Rated Voltage	300 V	150 V	300 V	450 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ² / 2.5 mm ²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M2.5	M2.5	M2.5	M2.5	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.5 kV	



AK2200/..-10.0-V-GREEN

2- to n-poles

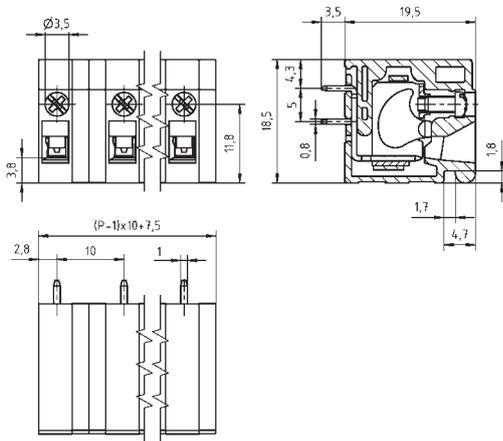
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Screw	Steel		
Solder Tag	Copper Alloy		
Clamp Cage	Steel		
Excenter	Steel		

Colours

- GREEN, RAL 6018
- BLACK, RAL 9011
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.50	AK2200/2-10.0-V-GREEN	52200020041D	50
3	27.50	AK2200/3-10.0-V-GREEN	52200030041D	50
4	37.50	AK2200/4-10.0-V-GREEN	52200040041D	50
5	47.50	AK2200/5-10.0-V-GREEN	52200050041D	50
6	57.50	AK2200/6-10.0-V-GREEN	52200060041D	50
7	67.50	AK2200/7-10.0-V-GREEN	52200070041D	50
8	77.50	AK2200/8-10.0-V-GREEN	52200080041D	50
9	87.50	AK2200/9-10.0-V-GREEN	52200090041D	50
10	97.50	AK2200/10-10.0-V-GREEN	52200100041D	50
11	107.50	AK2200/11-10.0-V-GREEN	52200110041D	50
12	117.50	AK2200/12-10.0-V-GREEN	52200120041D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK2200-GREEN	52200000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup					
	B	C	D		
Rated Voltage	600 V	-	600 V	1000 V	
Rated Current	20 A	-	5 A	24 A	
Rated Wire Size			min		max
	solid	AWG 30-12	-	AWG 30-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 30-12	-	AWG 30-12	0.5 mm ² / 2.5 mm ²
Torque	0.50 Nm		0.50 Nm		0.50 Nm
Screw Size	M2.5		M2.5		M2.5
Test Voltage	2.2 kV		2.2 kV		3.5 kV

AK2200/..-10.0-H-GREEN

2- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Screw	Steel		
Solder Tag	Copper Alloy		
Clamp Cage	Steel		
Excenter	Steel		

Colours

- GREEN, RAL 6018
- BLACK, RAL 9011
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

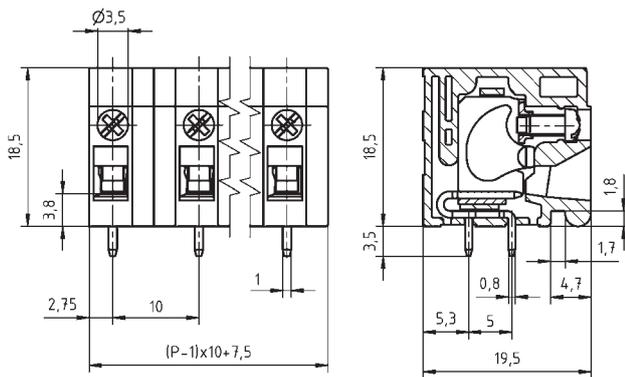
Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.50	AK2200/2-10.0-H-GREEN	52200020091D	50
3	27.50	AK2200/3-10.0-H-GREEN	52200030091D	50
4	37.50	AK2200/4-10.0-H-GREEN	52200040091D	50
5	47.50	AK2200/5-10.0-H-GREEN	52200050091D	50
6	57.50	AK2200/6-10.0-H-GREEN	52200060091D	50
7	67.50	AK2200/7-10.0-H-GREEN	52200070091D	50
8	77.50	AK2200/8-10.0-H-GREEN	52200080091D	50
9	87.50	AK2200/9-10.0-H-GREEN	52200090091D	50
10	97.50	AK2200/10-10.0-H-GREEN	52200100091D	50
11	107.50	AK2200/11-10.0-H-GREEN	52200110091D	50
12	117.50	AK2200/12-10.0-H-GREEN	52200120091D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK2200-GREEN	52200000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	600 V	-	600 V	1000 V	
Rated Current	20 A	-	5 A	24 A	
Rated Wire Size			min		max
	solid	AWG 30-12	-	AWG 30-12	0.5 mm ² / 2.5 mm ²
	stranded	AWG 30-12	-	AWG 30-12	0.5 mm ² / 2.5 mm ²
Torque	0.50 Nm		-	0.50 Nm	0.50 Nm
Screw Size	M2.5		-	M2.5	M2.5
Test Voltage	2.2 kV		-	2.2 kV	3.5 kV



AK4191/..KD-2.5-PEBBLE GREY

1- to n-poles

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	0.75 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	0.75 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.34 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Bronze		

Colours

	PEBBLE GREY, RAL 7032		ORANGE, RAL 2011
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

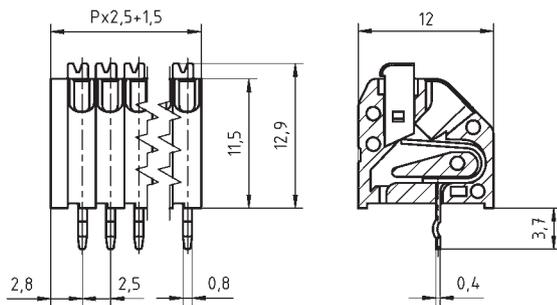
Order Data (Spacing 2.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	4.00	AK4191/1KD-2.5-PEBBLE GREY	54191010001G	250
2	6.50	AK4191/2KD-2.5-PEBBLE GREY	54191020001F	200
3	9.00	AK4191/3KD-2.5-PEBBLE GREY	54191030001F	200
4	11.50	AK4191/4KD-2.5-PEBBLE GREY	54191040001F	200
5	14.00	AK4191/5KD-2.5-PEBBLE GREY	54191050001E	100
6	16.50	AK4191/6KD-2.5-PEBBLE GREY	54191060001E	100
7	19.00	AK4191/7KD-2.5-PEBBLE GREY	54191070001E	100
8	21.50	AK4191/8KD-2.5-PEBBLE GREY	54191080001D	50
9	24.00	AK4191/9KD-2.5-PEBBLE GREY	54191090001D	50
10	26.50	AK4191/10KD-2.5-PEBBLE GREY	54191100001D	50
11	29.00	AK4191/11KD-2.5-PEBBLE GREY	54191110001D	50
12	31.50	AK4191/12KD-2.5-PEBBLE GREY	54191120001D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4191-PEBBLE GREY	54191000000

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	150 V	-	150 V	130 V	
Rated Current	2 A	-	2 A	2 A	
Rated Wire Size			min		max
solid	AWG 26-20	-	AWG 26-20	0.2 mm ²	0.75 mm ²
stranded	AWG 26-20	-	AWG 26-20	0.2 mm ²	0.75 mm ²
Test Voltage	1.3 kV	-	1.3 kV	1.25 kV	

AK4191/..KDVP-2.5-PEBBLE GREY

1- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	0.75 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	0.75 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.34 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Bronze		

Colours

	PEBBLE GREY, RAL 7032		ORANGE, RAL 2011
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

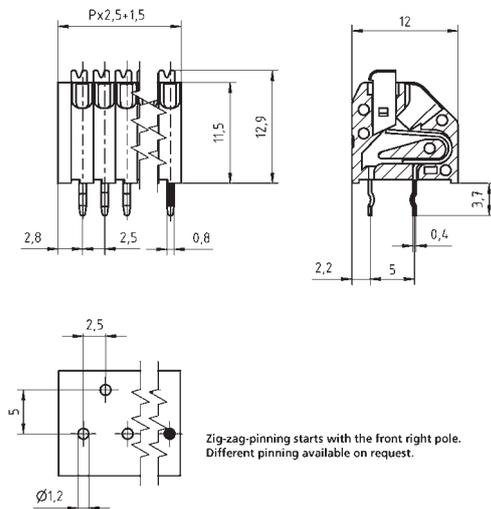
Order Data (Spacing 2.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	4.00	AK4191/1KDVP-2.5-PEBBLE GREY	54191010051G	250
2	6.50	AK4191/2KDVP-2.5-PEBBLE GREY	54191020051F	200
3	9.00	AK4191/3KDVP-2.5-PEBBLE GREY	54191030051F	200
4	11.50	AK4191/4KDVP-2.5-PEBBLE GREY	54191040051F	200
5	14.00	AK4191/5KDVP-2.5-PEBBLE GREY	54191050051E	100
6	16.50	AK4191/6KDVP-2.5-PEBBLE GREY	54191060051E	100
7	19.00	AK4191/7KDVP-2.5-PEBBLE GREY	54191070051E	100
8	21.50	AK4191/8KDVP-2.5-PEBBLE GREY	54191080051D	50
9	24.00	AK4191/9KDVP-2.5-PEBBLE GREY	54191090051D	50
10	26.50	AK4191/10KDVP-2.5-PEBBLE GREY	54191100051D	50
11	29.00	AK4191/11KDVP-2.5-PEBBLE GREY	54191110051D	50
12	31.50	AK4191/12KDVP-2.5-PEBBLE GREY	54191120051D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4191-PEBBLE GREY	54191000000

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	C 		D 	
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	2 A	-	2 A	2 A
Rated Wire Size			min max	
solid	AWG 26-20	-	AWG 26-20	0.2 mm ² 0.75 mm ²
stranded	AWG 26-20	-	AWG 26-20	0.2 mm ² 0.75 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV



AKZ4791/..KD-2.54-V-BASALT GREY

1- to n-poles

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PBT
Solid max	0.75 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	0.75 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.14 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Brass		
Clamp Spring	Stainless Steel		

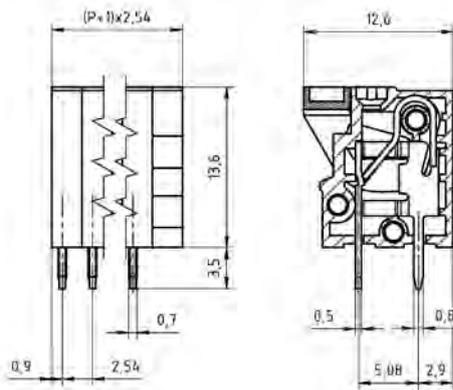
Colours

- BASALT GREY, RAL 7012
- GREEN, RAL 6018
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 2.54 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	5.08	AKZ4791/1KD-2.54-V-BASALT GREY	54791010421G	250
2	7.62	AKZ4791/2KD-2.54-V-BASALT GREY	54791020421F	200
3	10.16	AKZ4791/3KD-2.54-V-BASALT GREY	54791030421F	200
4	12.70	AKZ4791/4KD-2.54-V-BASALT GREY	54791040421F	200
5	15.24	AKZ4791/5KD-2.54-V-BASALT GREY	54791050421E	100
6	17.78	AKZ4791/6KD-2.54-V-BASALT GREY	54791060421E	100
7	20.32	AKZ4791/7KD-2.54-V-BASALT GREY	54791070421E	100
8	22.86	AKZ4791/8KD-2.54-V-BASALT GREY	54791080421D	50
9	25.40	AKZ4791/9KD-2.54-V-BASALT GREY	54791090421D	50
10	27.94	AKZ4791/10KD-2.54-V-BASALT GREY	54791100421D	50
11	30.48	AKZ4791/11KD-2.54-V-BASALT GREY	54791110421D	50
12	33.02	AKZ4791/12KD-2.54-V-BASALT GREY	54791120421D	50



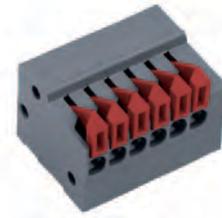
Ratings



Usegroup	B	C	D		
Rated Voltage	150 V	-	-	130 V	
Rated Current	6 A	-	-	9 A	
Rated Wire Size				min	max
solid	AWG 26-18	-	-	0.2 mm ²	0.75 mm ²
stranded	AWG 26-18	-	-	0.2 mm ²	0.75 mm ²
Test Voltage	1.3 kV	-	-	1.25 kV	

AKZ4791/..KD-2.54-H-BASALT GREY

1- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PBT
Solid max	0.75 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	0.75 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.14 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Brass		
Clamp Spring	Stainless Steel		

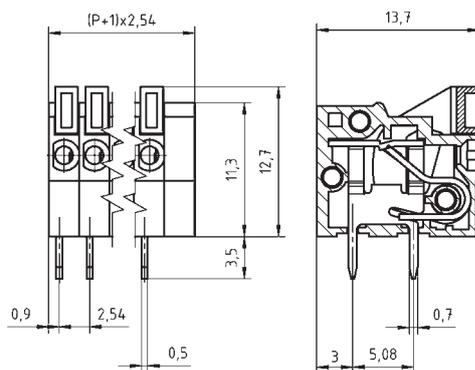
Colours

	BASALT GREY, RAL 7012		GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 2.54 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	5.08	AKZ4791/1KD-2.54-H-BASALT GREY	54791010422G	250
2	7.62	AKZ4791/2KD-2.54-H-BASALT GREY	54791020422F	200
3	10.16	AKZ4791/3KD-2.54-H-BASALT GREY	54791030422F	200
4	12.70	AKZ4791/4KD-2.54-H-BASALT GREY	54791040422F	200
5	15.24	AKZ4791/5KD-2.54-H-BASALT GREY	54791050422E	100
6	17.78	AKZ4791/6KD-2.54-H-BASALT GREY	54791060422E	100
7	20.32	AKZ4791/7KD-2.54-H-BASALT GREY	54791070422E	100
8	22.86	AKZ4791/8KD-2.54-H-BASALT GREY	54791080422D	50
9	25.40	AKZ4791/9KD-2.54-H-BASALT GREY	54791090422D	50
10	27.94	AKZ4791/10KD-2.54-H-BASALT GREY	54791100422D	50
11	30.48	AKZ4791/11KD-2.54-H-BASALT GREY	54791110422D	50
12	33.02	AKZ4791/12KD-2.54-H-BASALT GREY	54791120422D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	150 V	-	-	130 V	
Rated Current	6 A	-	-	9 A	
Rated Wire Size				min	max
	solid	AWG 26-18	-	0.2 mm ²	0.75 mm ²
	stranded	AWG 26-18	-	0.2 mm ²	0.75 mm ²
Test Voltage	1.3 kV	-	-	1.25 kV	



AK4291/..KD-3.5-PEBBLE GREY

1- to n-poles

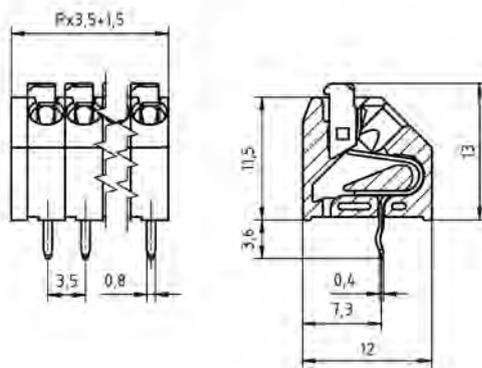
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.0 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Tag	Copper Alloy		

Colours

	PEBBLE GREY, RAL 7032		ORANGE, RAL 2011
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	5.00	AK4291/1KD-3.5-PEBBLE GREY	54291010001G	250
2	8.50	AK4291/2KD-3.5-PEBBLE GREY	54291020001F	200
3	12.00	AK4291/3KD-3.5-PEBBLE GREY	54291030001F	200
4	15.50	AK4291/4KD-3.5-PEBBLE GREY	54291040001F	200
5	19.00	AK4291/5KD-3.5-PEBBLE GREY	54291050001E	100
6	22.50	AK4291/6KD-3.5-PEBBLE GREY	54291060001E	100
7	26.00	AK4291/7KD-3.5-PEBBLE GREY	54291070001E	100
8	29.50	AK4291/8KD-3.5-PEBBLE GREY	54291080001D	50
9	33.00	AK4291/9KD-3.5-PEBBLE GREY	54291090001D	50
10	36.50	AK4291/10KD-3.5-PEBBLE GREY	54291100001D	50
11	40.00	AK4291/11KD-3.5-PEBBLE GREY	54291110001D	50
12	43.50	AK4291/12KD-3.5-PEBBLE GREY	54291120001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016
	Spacer SPC-AK4291-PEBBLE GREY	54291000000

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c				
	B	C	D	130 V	
Rated Voltage	300 V	-	-	130 V	
Rated Current	6 A	-	-	3 A	
Rated Wire Size	solid	AWG 22-16	-	min	max
	stranded	-	-	0.2 mm ²	0.75 mm ²
Test Voltage	1.6 kV	-	-	2.0 kV	

AK4291/..KDVP-3.5-PEBBLE GREY

1- to n-poles



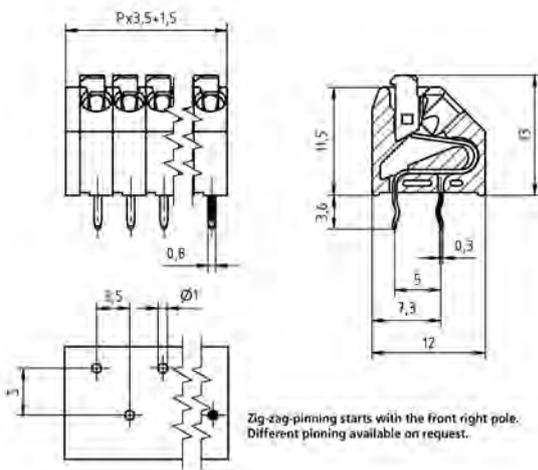
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.0 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Tag	Copper Alloy		

Colours

	PEBBLE GREY, RAL 7032		ORANGE, RAL 2011
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	5.00	AK4291/1KDVP-3.5-PEBBLE GREY	54291010051G	250
2	8.50	AK4291/2KDVP-3.5-PEBBLE GREY	54291020051F	200
3	12.00	AK4291/3KDVP-3.5-PEBBLE GREY	54291030051F	200
4	15.50	AK4291/4KDVP-3.5-PEBBLE GREY	54291040051F	200
5	19.00	AK4291/5KDVP-3.5-PEBBLE GREY	54291050051E	100
6	22.50	AK4291/6KDVP-3.5-PEBBLE GREY	54291060051E	100
7	26.00	AK4291/7KDVP-3.5-PEBBLE GREY	54291070051E	100
8	29.50	AK4291/8KDVP-3.5-PEBBLE GREY	54291080051D	50
9	33.00	AK4291/9KDVP-3.5-PEBBLE GREY	54291090051D	50
10	36.50	AK4291/10KDVP-3.5-PEBBLE GREY	54291100051D	50
11	40.00	AK4291/11KDVP-3.5-PEBBLE GREY	54291110051D	50
12	43.50	AK4291/12KDVP-3.5-PEBBLE GREY	54291120051D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016
	Spacer SPC-AK4291-PEBBLE GREY	54291000000

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	6 A	-	6 A	3 A
Rated Wire Size			min	max
solid	AWG 22-16	-	AWG 22-16	0.2 mm ² / 0.75 mm ²
stranded	-	-	-	-
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV



AKZ4701/..KD-3.81-V-BASALT GREY

1- to n-poles

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PBT
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.34 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Brass		
Clamp Spring	Stainless Steel		

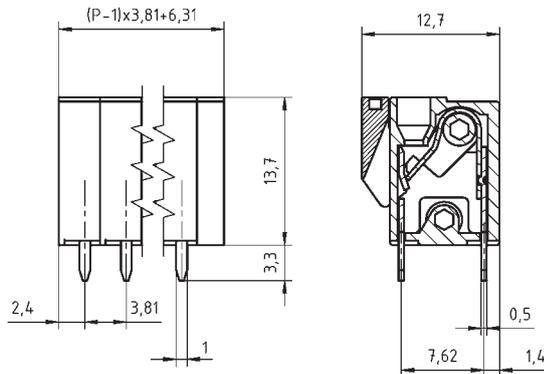
Colours

	BASALT GREY, RAL 7012		GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.31	AKZ4701/1KD-3.81-V-BASALT GREY	54701010421G	250
2	10.12	AKZ4701/2KD-3.81-V-BASALT GREY	54701020421F	200
3	13.93	AKZ4701/3KD-3.81-V-BASALT GREY	54701030421F	200
4	17.74	AKZ4701/4KD-3.81-V-BASALT GREY	54701040421F	200
5	21.55	AKZ4701/5KD-3.81-V-BASALT GREY	54701050421E	100
6	25.36	AKZ4701/6KD-3.81-V-BASALT GREY	54701060421E	100
7	29.17	AKZ4701/7KD-3.81-V-BASALT GREY	54701070421E	100
8	32.98	AKZ4701/8KD-3.81-V-BASALT GREY	54701080421D	50
9	36.79	AKZ4701/9KD-3.81-V-BASALT GREY	54701090421D	50
10	40.60	AKZ4701/10KD-3.81-V-BASALT GREY	54701100421D	50
11	44.41	AKZ4701/11KD-3.81-V-BASALT GREY	54701110421D	50
12	48.22	AKZ4701/12KD-3.81-V-BASALT GREY	54701120421D	50



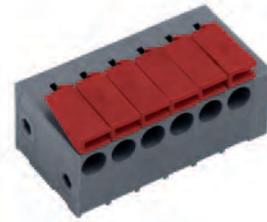
Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	130 V	
Rated Current	6 A	-	6 A	12 A	
Rated Wire Size				min	max
	solid	AWG 26-16	-	AWG 26-16	0.2 mm ² / 1.5 mm ²
	stranded	AWG 26-16	-	AWG 26-16	0.2 mm ² / 1.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	1.25 kV	

AKZ4701/..KD-3.81-H-BASALT GREY

1- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PBT
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.34 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Brass		
Clamp Spring	Stainless Steel		

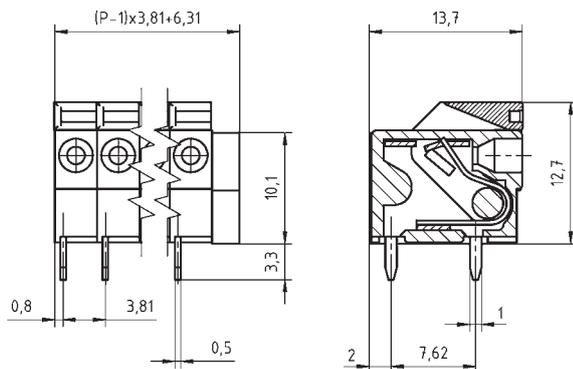
Colours

- BASALT GREY, RAL 7012
- GREEN, RAL 6018
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.31	AKZ4701/1KD-3.81-H-BASALT GREY	54701010422G	250
2	10.12	AKZ4701/2KD-3.81-H-BASALT GREY	54701020422F	200
3	13.93	AKZ4701/3KD-3.81-H-BASALT GREY	54701030422F	200
4	17.74	AKZ4701/4KD-3.81-H-BASALT GREY	54701040422F	200
5	21.55	AKZ4701/5KD-3.81-H-BASALT GREY	54701050422E	100
6	25.36	AKZ4701/6KD-3.81-H-BASALT GREY	54701060422E	100
7	29.17	AKZ4701/7KD-3.81-H-BASALT GREY	54701070422E	100
8	32.98	AKZ4701/8KD-3.81-H-BASALT GREY	54701080422D	50
9	36.79	AKZ4701/9KD-3.81-H-BASALT GREY	54701090422D	50
10	40.60	AKZ4701/10KD-3.81-H-BASALT GREY	54701100422D	50
11	44.41	AKZ4701/11KD-3.81-H-BASALT GREY	54701110422D	50
12	48.22	AKZ4701/12KD-3.81-H-BASALT GREY	54701120422D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	130 V	
Rated Current	6 A	-	6 A	12 A	
Rated Wire Size			min		max
	solid	AWG 26-16	-	AWG 26-16	0.2 mm ² / 1.5 mm ²
	stranded	AWG 26-16	-	AWG 26-16	0.2 mm ² / 1.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	1.25 kV	

AK4091/..KD-4.0-WH-SMD



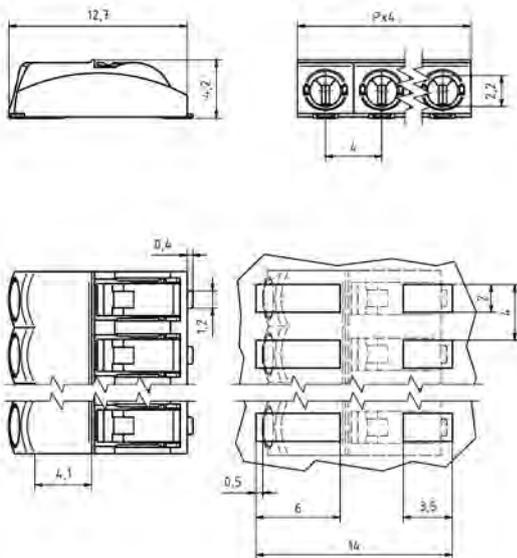
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PPA
Solid max	0.75 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	0.75 mm ²	Operating Temperature	-60 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.34 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	217-245 °C
Materials		Peak Soldering Time, recommended	60 s
Metal Parts	Copper Alloy		

Colours

□ WHITE, RAL 9003

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

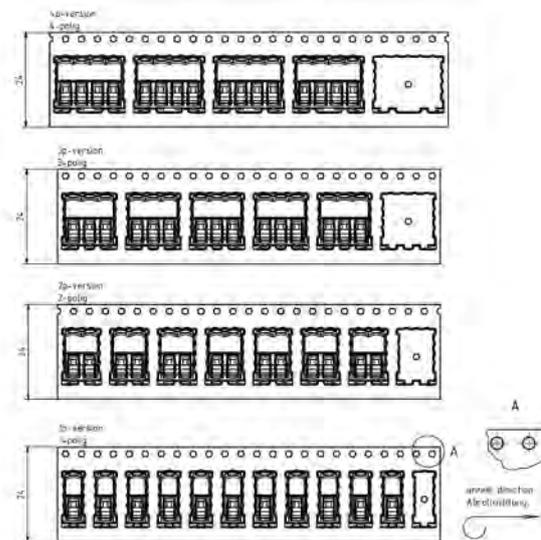


Order Data (Spacing 4.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	4.00	AK4091/1KD-4.0-WH-SMD	54091019001R	1500
2	8.00	AK4091/2KD-4.0-WH-SMD	54091029001R	1000
3	12.00	AK4091/3KD-4.0-WH-SMD	54091039001R	750
4	16.00	AK4091/4KD-4.0-WH-SMD	54091049001R	600

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
1	13	24	8	1500
2	13	24	12	1000
3	13	24	16	750
4	13	24	20	600



Electrical Data



*

Overvoltage Category	II	III	III
Pollution Degree	2	2	3
Rated Voltage	320 V	160 V	63 V
Rated Voltage (1 pole)	600 V		
Rated Voltage (2 pole)	250 V		
Rated Current	9 A	9 A	9 A
Rated Wire Size		min max	min max
solid	AWG 24 -18	0.2 mm ² 0.75 mm ²	0.2 mm ² 0.75 mm ²
stranded	AWG 24 -18	0.2 mm ² 0.75 mm ²	0.2 mm ² 0.75 mm ²
Test Voltage	-	2.5 kV	2.5 kV

* Data according to EN 60664-1

AK4100/..-5.0-PEBBLE GREY

1- to n-poles



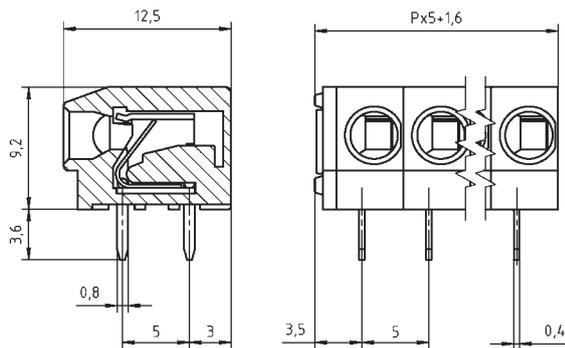
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.0 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

PEBBLE GREY, RAL 7032 BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.60	AK4100/1-5.0-PEBBLE GREY	54100010001G	250
2	11.60	AK4100/2-5.0-PEBBLE GREY	54100020001F	200
3	16.60	AK4100/3-5.0-PEBBLE GREY	54100030001F	200
4	21.60	AK4100/4-5.0-PEBBLE GREY	54100040001E	100
5	26.60	AK4100/5-5.0-PEBBLE GREY	54100050001E	100
6	31.60	AK4100/6-5.0-PEBBLE GREY	54100060001D	50
7	36.60	AK4100/7-5.0-PEBBLE GREY	54100070001D	50
8	41.60	AK4100/8-5.0-PEBBLE GREY	54100080001D	50
9	46.60	AK4100/9-5.0-PEBBLE GREY	54100090001D	50
10	51.60	AK4100/10-5.0-PEBBLE GREY	54100100001D	50
11	56.60	AK4100/11-5.0-PEBBLE GREY	54100110001D	50
12	61.60	AK4100/12-5.0-PEBBLE GREY	54100120001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	10 A	-	10 A	17.5 A	
Rated Wire Size			min		max
solid	AWG 20-14	-	AWG 20-14	0.5 mm ²	2.5 mm ²
stranded	-	-	-	-	-
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	



AK4101/..KD-5.0-PEBBLE GREY

1- to n-poles

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.5 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.0 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

PEBBLE GREY, RAL 7032

 BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

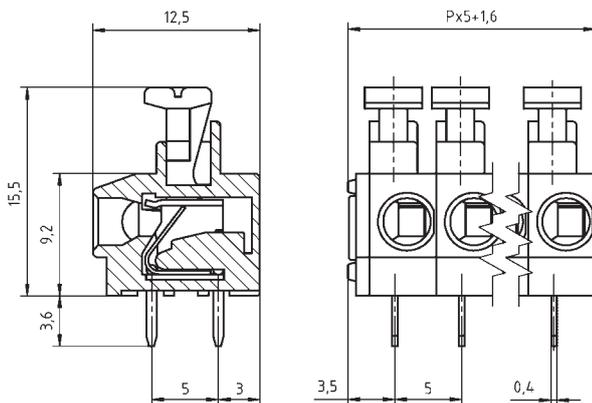
Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.60	AK4101/1KD-5.0-PEBBLE GREY	54101010001G	250
2	11.60	AK4101/2KD-5.0-PEBBLE GREY	54101020001F	200
3	16.60	AK4101/3KD-5.0-PEBBLE GREY	54101030001F	200
4	21.60	AK4101/4KD-5.0-PEBBLE GREY	54101040001E	100
5	26.60	AK4101/5KD-5.0-PEBBLE GREY	54101050001E	100
6	31.60	AK4101/6KD-5.0-PEBBLE GREY	54101060001D	50
7	36.60	AK4101/7KD-5.0-PEBBLE GREY	54101070001D	50
8	41.60	AK4101/8KD-5.0-PEBBLE GREY	54101080001D	50
9	46.60	AK4101/9KD-5.0-PEBBLE GREY	54101090001D	50
10	51.60	AK4101/10KD-5.0-PEBBLE GREY	54101100001D	50
11	56.60	AK4101/11KD-5.0-PEBBLE GREY	54101110001D	50
12	61.60	AK4101/12KD-5.0-PEBBLE GREY	54101120001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	10 A	-	10 A	17.5 A	
Rated Wire Size			min		max
solid	AWG 20-14	-	AWG 20-14	0.5 mm ²	2.5 mm ²
stranded	-	-	-	-	-
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	

AK4200/..-5.0-V-baGY

1- to n-poles



NEW

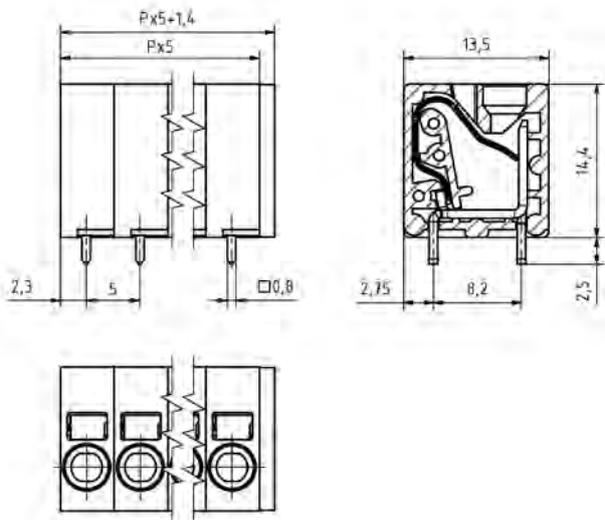
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

■ BASALT GREY, RAL 7012 ■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.40	AK4200/1-5.0-V-baGY	54200010421E	100
2	11.40	AK4200/2-5.0-V-baGY	54200020421D	50
3	16.40	AK4200/3-5.0-V-baGY	54200030421D	50
4	21.40	AK4200/4-5.0-V-baGY	54200040421D	50
5	26.40	AK4200/5-5.0-V-baGY	54200050421D	50
6	31.40	AK4200/6-5.0-V-baGY	54200060421D	50
7	36.40	AK4200/7-5.0-V-baGY	54200070421D	50
8	41.40	AK4200/8-5.0-V-baGY	54200080421D	50
9	46.40	AK4200/9-5.0-V-baGY	54200090421D	50
10	51.40	AK4200/10-5.0-V-baGY	54200100421D	50
11	56.40	AK4200/11-5.0-V-baGY	54200110421D	50
12	61.40	AK4200/12-5.0-V-baGY	54200120421D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4200-baGY	54200000000
	Side Wall with Coding Pin SW-AK4200-CP-V-baGY	54200000001

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c				
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	20 A	-	10 A	24 A	
Overvoltage Category				III	
Rated Wire Size			min max		
	solid	AWG 24-12	-	AWG 24-12	0.2 mm ² 2.5 mm ²
	stranded	AWG 24-12	-	AWG 24-12	0.2 mm ² 2.5 mm ²
Test Voltage	1.6 kV		-	1.6 kV	2.0 kV

AK4200/..-5.0-H-baGY

1- to n-poles



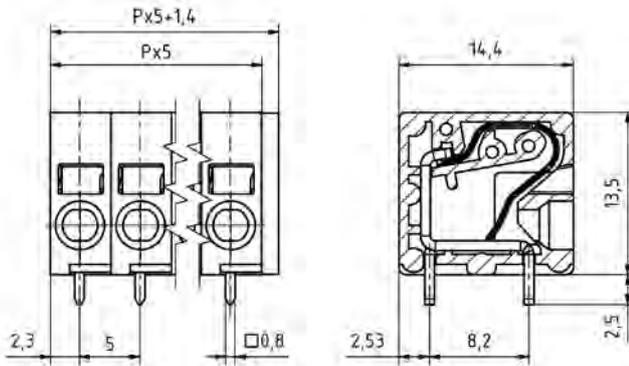
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

■ BASALT GREY, RAL 7012 ■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.40	AK4200/1-5.0-H-baGY	54200010451E	100
2	11.40	AK4200/2-5.0-H-baGY	54200020451D	50
3	16.40	AK4200/3-5.0-H-baGY	54200030451D	50
4	21.40	AK4200/4-5.0-H-baGY	54200040451D	50
5	26.40	AK4200/5-5.0-H-baGY	54200050451D	50
6	31.40	AK4200/6-5.0-H-baGY	54200060451D	50
7	36.40	AK4200/7-5.0-H-baGY	54200070451D	50
8	41.40	AK4200/8-5.0-H-baGY	54200080451D	50
9	46.40	AK4200/9-5.0-H-baGY	54200090451D	50
10	51.40	AK4200/10-5.0-H-baGY	54200100451D	50
11	56.40	AK4200/11-5.0-H-baGY	54200110451D	50
12	61.40	AK4200/12-5.0-H-baGY	54200120451D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4200-baGY	54200000000
	Side Wall with Coding Pin SW-AK4200-CP-H-baGY	54200000003

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c  US			
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	20 A	-	10 A	24 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 24-12	-	AWG 24-12
	stranded	AWG 24-12	-	AWG 24-12
			0.2 mm ²	2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV

AKZ4301/..KD-5.08-BASALT GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.20 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Brass		
Clamp Spring	Stainless Steel		

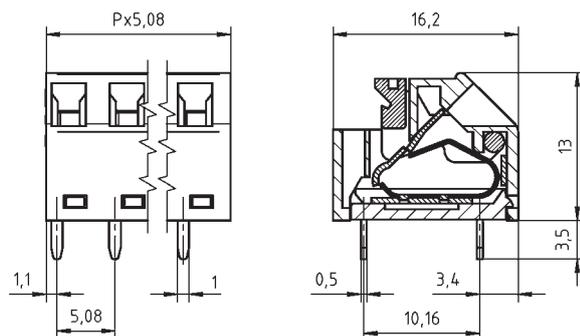
Colours

	BASALT GREY, RAL 7012		GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ4301/2KD-5.08-BASALT GREY	54301020421D	50
3	15.24	AKZ4301/3KD-5.08-BASALT GREY	54301030421D	50
4	20.32	AKZ4301/4KD-5.08-BASALT GREY	54301040421D	50
5	25.40	AKZ4301/5KD-5.08-BASALT GREY	54301050421D	50
6	30.48	AKZ4301/6KD-5.08-BASALT GREY	54301060421D	50
7	35.56	AKZ4301/7KD-5.08-BASALT GREY	54301070421D	50
8	40.64	AKZ4301/8KD-5.08-BASALT GREY	54301080421D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	10 A	-	10 A	16 A	
Rated Wire Size				min	max
	solid	AWG 22-16	-	AWG 22-16	0.2 mm ² / 2.5 mm ²
	stranded	AWG 22-16	-	AWG 22-16	0.2 mm ² / 1.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	



AKZ4801/..KD-6.35-V-BLACK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PPA
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Clamp	Zinc Die-Cast		
Solder Tag	Brass		
Clamp Spring	Stainless Steel		

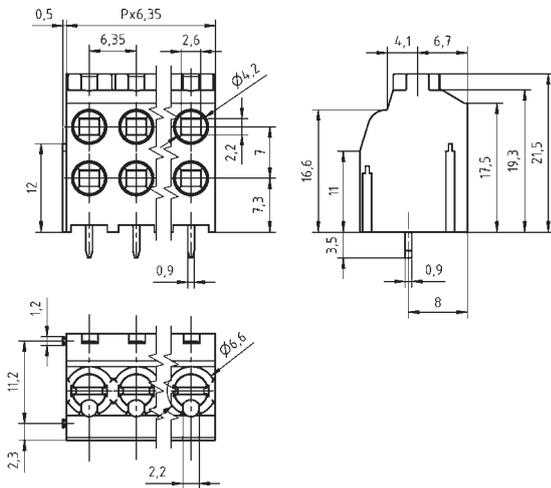
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Order Data (Spacing 6.35 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.20	AKZ4801/2KD-6.35-V-BLACK-HT	54801020301E	100
3	19.55	AKZ4801/3KD-6.35-V-BLACK-HT	54801030301E	100
4	25.90	AKZ4801/4KD-6.35-V-BLACK-HT	54801040301D	50
5	32.25	AKZ4801/5KD-6.35-V-BLACK-HT	54801050301D	50
6	38.60	AKZ4801/6KD-6.35-V-BLACK-HT	54801060301D	50
7	44.95	AKZ4801/7KD-6.35-V-BLACK-HT	54801070301D	50
8	51.30	AKZ4801/8KD-6.35-V-BLACK-HT	54801080301D	50
9	57.65	AKZ4801/9KD-6.35-V-BLACK-HT	54801090301D	50
10	64.00	AKZ4801/10KD-6.35-V-BLACK-HT	54801100301D	50
11	70.35	AKZ4801/11KD-6.35-V-BLACK-HT	54801110301D	50
12	76.70	AKZ4801/12KD-6.35-V-BLACK-HT	54801120301D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	400 V	
Rated Current	12 A	-	10 A	12 A	
Rated Wire Size			min		max
	solid	AWG 24-14	-	AWG 24-14	0.2 mm ² 2.5 mm ²
	stranded	AWG 24-14	-	AWG 24-14	0.2 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV	

AKZ4841/..KD-6.35-OL-BLACK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PPA
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	9.0 mm	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.3 mm	Peak Soldering Time, recommended	60 s
Materials			
Clamp	Zinc Die-Cast		
Solder Tag	Brass		
Clamp Spring	Stainless Steel		

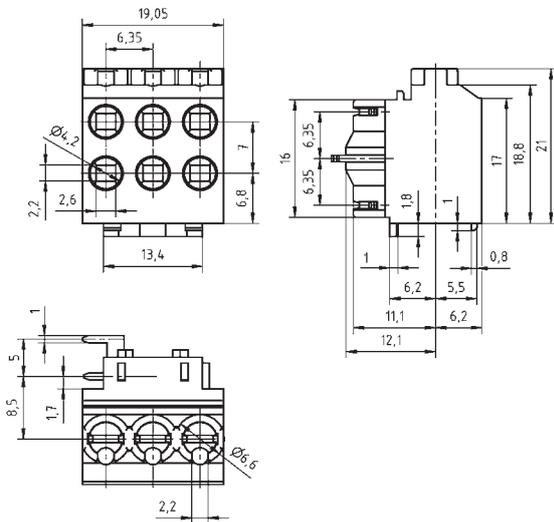
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Order Data (Spacing 6.35 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
3	19.05	AKZ4841/3KD-6.35-OL-BLACK-HT	54841030361D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	400 V	
Rated Current	12 A	-	10 A	12 A	
Rated Wire Size			min		max
	solid	AWG 24-14	-	AWG 24-14	0.2 mm ² 2.5 mm ²
	stranded	AWG 24-14	-	AWG 24-14	0.2 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV	



AKZ4841/..KD-6.35-OR-BLACK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PPA
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Clamp	Zinc Die-Cast		
Solder Tag	Brass		
Clamp Spring	Stainless Steel		

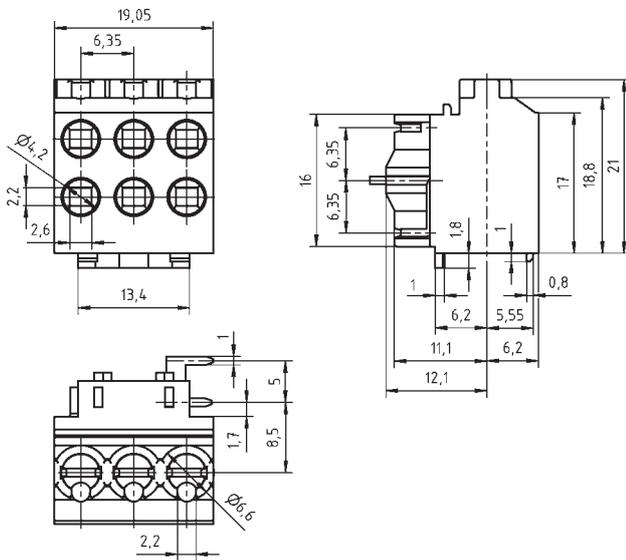
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Order Data (Spacing 6.35 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
3	19.05	AKZ4841/3KD-6.35-OR-BLACK-HT	54841030371D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	400 V	
Rated Current	12 A	-	10 A	12 A	
Rated Wire Size			min		max
	solid	AWG 24-14	-	AWG 24-14	0.2 mm ² / 2.5 mm ²
	stranded	AWG 24-14	-	AWG 24-14	0.2 mm ² / 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV	

AK4200/..-7.5-V-baGY

2- to n-poles



NEW

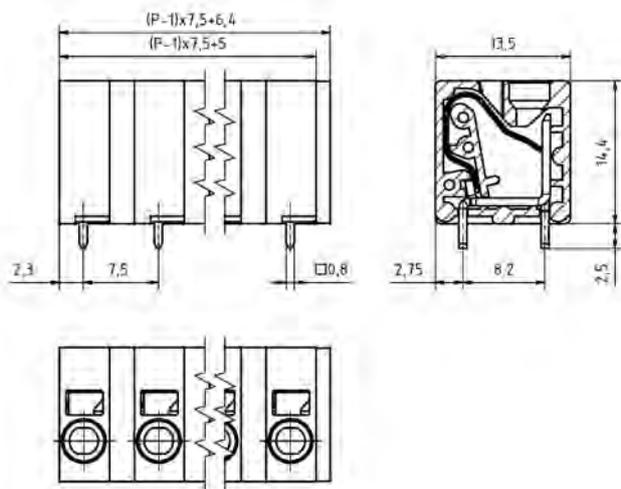
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

■ BASALT GREY, RAL 7012 ■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.90	AK4200/2-7.5-V-baGY	54200020521D	50
3	21.40	AK4200/3-7.5-V-baGY	54200030521D	50
4	28.90	AK4200/4-7.5-V-baGY	54200040521D	50
5	36.40	AK4200/5-7.5-V-baGY	54200050521D	50
6	43.90	AK4200/6-7.5-V-baGY	54200060521D	50
7	51.40	AK4200/7-7.5-V-baGY	54200070521D	50
8	58.90	AK4200/8-7.5-V-baGY	54200080521D	50
9	66.40	AK4200/9-7.5-V-baGY	54200090521D	50
10	73.90	AK4200/10-7.5-V-baGY	54200100521D	50
11	81.40	AK4200/11-7.5-V-baGY	54200110521D	50
12	88.90	AK4200/12-7.5-V-baGY	54200120521D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4200-baGY	54200000000
	Side Wall with Coding Pin SW-AK4200-CP-V-baGY	54200000001

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus			VDE		
	B	C	D	750 V		
Rated Voltage	300 V	150 V	300 V	750 V		
Rated Current	20 A	20 A	10 A	24 A		
Overvoltage Category				III		
Rated Wire Size	min		max			
	solid	AWG 24-12	AWG 24-12	AWG 24-12	0.2 mm ²	2.5 mm ²
	stranded	AWG 24-12	AWG 24-12	AWG 24-12	0.2 mm ²	2.5 mm ²
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.0 kV		



AK4200/..-7.5-H-baGY

2- to n-poles

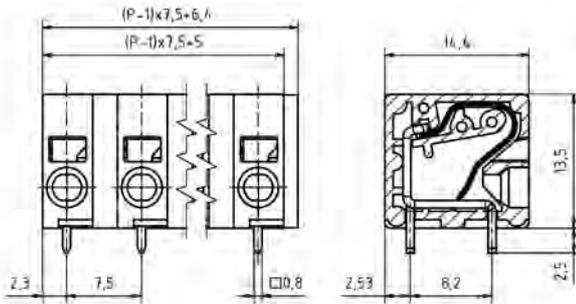
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

■ BASALT GREY, RAL 7012 ■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.90	AK4200/2-7.5-H-baGY	54200020551D	50
3	21.40	AK4200/3-7.5-H-baGY	54200030551D	50
4	28.90	AK4200/4-7.5-H-baGY	54200040551D	50
5	36.40	AK4200/5-7.5-H-baGY	54200050551D	50
6	43.90	AK4200/6-7.5-H-baGY	54200060551D	50
7	51.40	AK4200/7-7.5-H-baGY	54200070551D	50
8	58.90	AK4200/8-7.5-H-baGY	54200080551D	50
9	66.40	AK4200/9-7.5-H-baGY	54200090551D	50
10	73.90	AK4200/10-7.5-H-baGY	54200100551D	50
11	81.40	AK4200/11-7.5-H-baGY	54200110551D	50
12	88.90	AK4200/12-7.5-H-baGY	54200120551D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4200-baGY	54200000000
	Side Wall with Coding Pin SW-AK4200-CP-H-baGY	54200000003

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE	
	B	C	D	750 V	
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	20 A	20 A	10 A	24 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 24-12	AWG 24-12	0.2 mm ²	2.5 mm ²
	stranded	AWG 24-12	AWG 24-12	0.2 mm ²	2.5 mm ²
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.0 kV	

AK4210/..-7.5-V-baGY

1- to n-poles



NEW

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	10.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	6.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	6.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	15.0 mm	Reflow Process	
PCB Hole Diameter	2.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

- BASALT GREY, RAL 7012
- BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

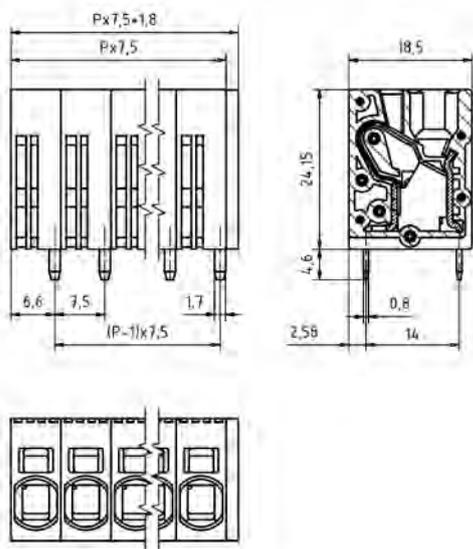
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	9.25	AK4210/1-7.5-V-baGY	54210010521E	100
2	16.75	AK4210/2-7.5-V-baGY	54210020521D	50
3	24.25	AK4210/3-7.5-V-baGY	54210030521D	50
4	31.75	AK4210/4-7.5-V-baGY	54210040521D	50
5	39.25	AK4210/5-7.5-V-baGY	54210050521D	50
6	46.75	AK4210/6-7.5-V-baGY	54210060521D	50
7	54.25	AK4210/7-7.5-V-baGY	54210070521D	50
8	61.75	AK4210/8-7.5-V-baGY	54210080521D	50
9	69.25	AK4210/9-7.5-V-baGY	54210090521D	50
10	76.75	AK4210/10-7.5-V-baGY	54210100521D	50
11	84.25	AK4210/11-7.5-V-baGY	54210110521D	50
12	91.75	AK4210/12-7.5-V-baGY	54210120521D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4210-V-baGY	54210000001

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	c 				
	B	C	D		
Rated Voltage	300 V	150 V	300 V	450 V	
Rated Current	35 A	35 A	10 A	41 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² / 10.0 mm ²
	stranded	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² / 6.0 mm ²
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.5 kV	



AK4210/..VP-7.5-V-baGY

1- to n-poles

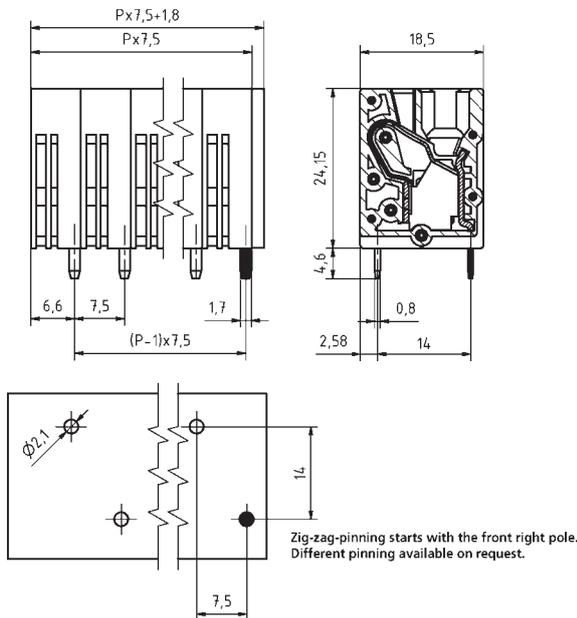
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	10.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	6.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	6.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	15.0 mm	Reflow Process	
PCB Hole Diameter	2.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

■ BASALT GREY, RAL 7012 ■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	9.25	AK4210/1VP-7.5-V-baGY	54210010527E	100
2	16.75	AK4210/2VP-7.5-V-baGY	54210020527D	50
3	24.25	AK4210/3VP-7.5-V-baGY	54210030527D	50
4	31.75	AK4210/4VP-7.5-V-baGY	54210040527D	50
5	39.25	AK4210/5VP-7.5-V-baGY	54210050527D	50
6	46.75	AK4210/6VP-7.5-V-baGY	54210060527D	50
7	54.25	AK4210/7VP-7.5-V-baGY	54210070527D	50
8	61.75	AK4210/8VP-7.5-V-baGY	54210080527D	50
9	69.25	AK4210/9VP-7.5-V-baGY	54210090527D	50
10	76.75	AK4210/10VP-7.5-V-baGY	54210100527D	50
11	84.25	AK4210/11VP-7.5-V-baGY	54210110527D	50
12	91.75	AK4210/12VP-7.5-V-baGY	54210120527D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4210-V-baGY	54210000001

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE	
	B	C	D	1000 V	
Rated Voltage	600 V	600 V	600 V	1000 V	
Rated Current	35 A	35 A	5 A	41 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² 10.0 mm ²
	stranded	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² 6.0 mm ²
Test Voltage	2.2 kV	2.2 kV	2.2 kV	3.5 kV	

AK4210/..-7.5-H-baGY

1- to n-poles



NEW

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	10.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	6.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	6.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	15.0 mm	Reflow Process	
PCB Hole Diameter	2.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

- BASALT GREY, RAL 7012
- BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

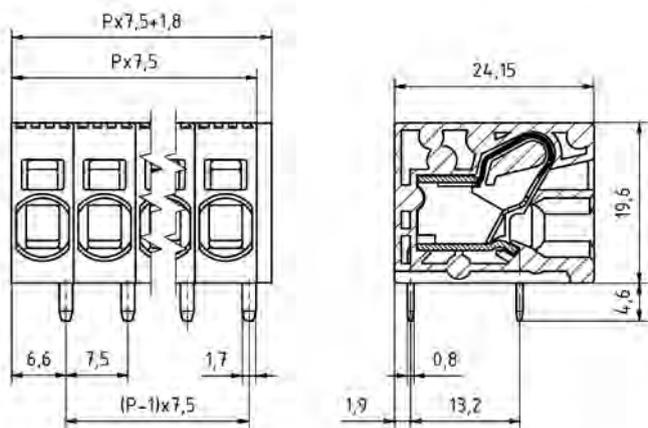
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	9.25	AK4210/1-7.5-H-baGY	54210010551E	100
2	16.75	AK4210/2-7.5-H-baGY	54210020551D	50
3	24.25	AK4210/3-7.5-H-baGY	54210030551D	50
4	31.75	AK4210/4-7.5-H-baGY	54210040551D	50
5	39.25	AK4210/5-7.5-H-baGY	54210050551D	50
6	46.75	AK4210/6-7.5-H-baGY	54210060551D	50
7	54.25	AK4210/7-7.5-H-baGY	54210070551D	50
8	61.75	AK4210/8-7.5-H-baGY	54210080551D	50
9	69.25	AK4210/9-7.5-H-baGY	54210090551D	50
10	76.75	AK4210/10-7.5-H-baGY	54210100551D	50
11	84.25	AK4210/11-7.5-H-baGY	54210110551D	50
12	91.75	AK4210/12-7.5-H-baGY	54210120551D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4210-H-baGY	54210000000

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	c  US				
	B	C	D		
Rated Voltage	300 V	150 V	300 V	450 V	
Rated Current	35 A	35 A	10 A	41 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² / 10.0 mm ²
	stranded	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² / 6.0 mm ²
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.5 kV	



AK4210/..VP-7.5-H-baGY

1- to n-poles

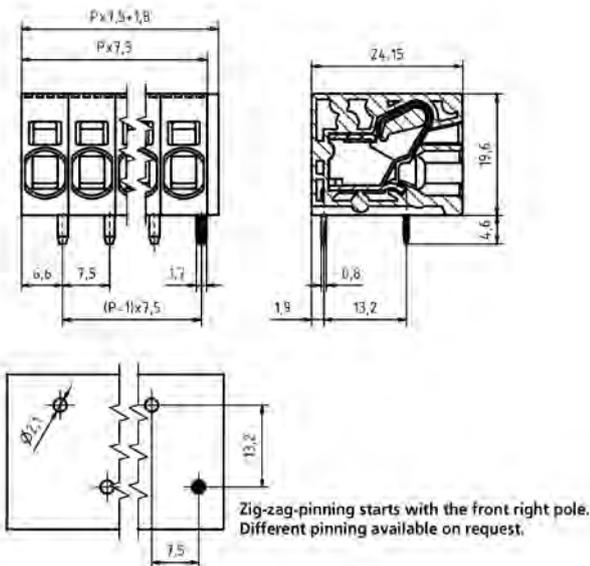
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	10.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	6.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	6.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	15.0 mm	Reflow Process	
PCB Hole Diameter	2.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

■ BASALT GREY, RAL 7012 ■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	9.25	AK4210/1VP-7.5-H-baGY	54210010407E	100
2	16.75	AK4210/2VP-7.5-H-baGY	54210020407D	50
3	24.25	AK4210/3VP-7.5-H-baGY	54210030407D	50
4	31.75	AK4210/4VP-7.5-H-baGY	54210040407D	50
5	39.25	AK4210/5VP-7.5-H-baGY	54210050407D	50
6	46.75	AK4210/6VP-7.5-H-baGY	54210060407D	50
7	54.25	AK4210/7VP-7.5-H-baGY	54210070407D	50
8	61.75	AK4210/8VP-7.5-H-baGY	54210080407D	50
9	69.25	AK4210/9VP-7.5-H-baGY	54210090407D	50
10	76.75	AK4210/10VP-7.5-H-baGY	54210100407D	50
11	84.25	AK4210/11VP-7.5-H-baGY	54210110407D	50
12	91.75	AK4210/12VP-7.5-H-baGY	54210120407D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4210-H-baGY	54210000000

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE	
	B	C	D	1000 V	
Rated Voltage	600 V	600 V	600 V	1000 V	
Rated Current	35 A	35 A	5 A	41 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² 10.0 mm ²
	stranded	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² 6.0 mm ²
Test Voltage	2.2 kV	2.2 kV	2.2 kV	3.5 kV	

AK4210/..-11.5-V-baGY

2- to n-poles



NEW

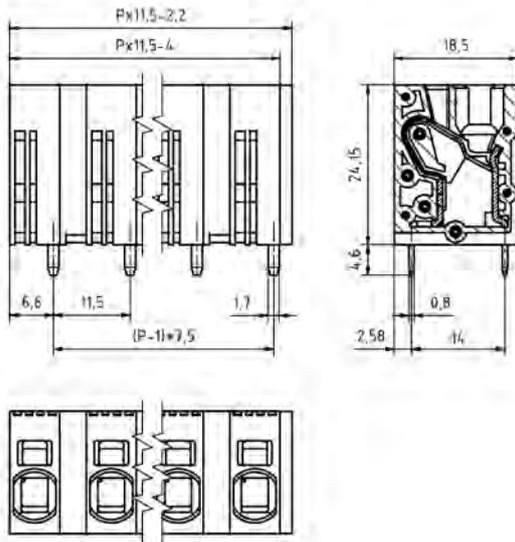
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	10.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	6.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	6.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	15.0 mm	Reflow Process	
PCB Hole Diameter	2.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

- BASALT GREY, RAL 7012
- BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 11.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.75	AK4210/2-11.5-V-baGY	54210020523D	50
3	32.25	AK4210/3-11.5-V-baGY	54210030523D	50
4	43.75	AK4210/4-11.5-V-baGY	54210040523D	50
5	55.25	AK4210/5-11.5-V-baGY	54210050523D	50
6	66.75	AK4210/6-11.5-V-baGY	54210060523D	50
7	78.25	AK4210/7-11.5-V-baGY	54210070523D	50
8	89.75	AK4210/8-11.5-V-baGY	54210080523D	50
9	101.25	AK4210/9-11.5-V-baGY	54210090523D	50
10	112.75	AK4210/10-11.5-V-baGY	54210100523D	50
11	124.25	AK4210/11-11.5-V-baGY	54210110523D	50
12	135.75	AK4210/12-11.5-V-baGY	54210120523D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4210-V-baGY	54210000001

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 				
	B	C	D	1000 V	
Rated Voltage	600 V	600 V	600 V	1000 V	
Rated Current	35 A	35 A	5 A	41 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² / 10.0 mm ²
	stranded	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ² / 6.0 mm ²
Test Voltage	2.2 kV		2.2 kV	2.2 kV	3.5 kV



AK4210/..-11.5-H-baGY

2- to n-poles

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	10.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	6.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	6.0 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	15.0 mm	Reflow Process	
PCB Hole Diameter	2.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

■ BASALT GREY, RAL 7012 ■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

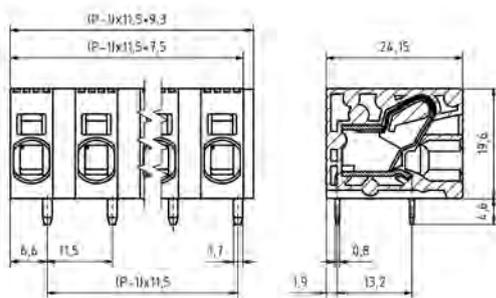
Order Data (Spacing 11.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.75	AK4210/2-11.5-H-baGY	54210020651D	50
3	32.25	AK4210/3-11.5-H-baGY	54210030651D	50
4	43.75	AK4210/4-11.5-H-baGY	54210040651D	50
5	55.25	AK4210/5-11.5-H-baGY	54210050651D	50
6	66.75	AK4210/6-11.5-H-baGY	54210060651D	50
7	78.25	AK4210/7-11.5-H-baGY	54210070651D	50
8	89.75	AK4210/8-11.5-H-baGY	54210080651D	50
9	101.25	AK4210/9-11.5-H-baGY	54210090651D	50
10	112.75	AK4210/10-11.5-H-baGY	54210100651D	50
11	124.25	AK4210/11-11.5-H-baGY	54210110651D	50
12	135.75	AK4210/12-11.5-H-baGY	54210120651D	50

Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4210-H-baGY	54210000000

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	c 				
	B	C	D	1000 V	
Rated Voltage	600 V	600 V	600 V	1000 V	
Rated Current	35 A	35 A	5 A	41 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 24-8	AWG 24-8	AWG 24-8	10.0 mm ²
	stranded	AWG 24-8	AWG 24-8	AWG 24-8	6.0 mm ²
Test Voltage	2.2 kV	2.2 kV	2.2 kV	3.5 kV	

Tension Spring | Spacing 2.5 mm / 2.54 mm

AK3191/..-2.5-PEBBLE GREY AKZ3191/..-2.54-ORANGE

1- to n-poles



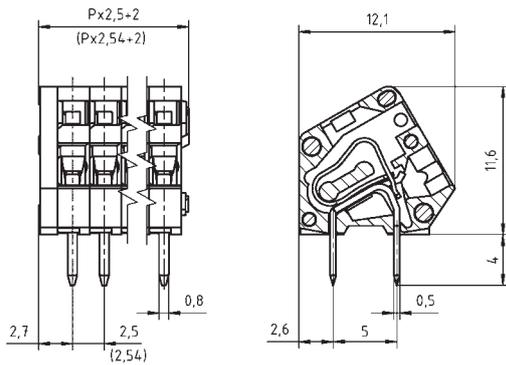
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	0.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.14 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

PEBBLE GREY, RAL 7032 ORANGE, RAL 2011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 2.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	4.50	AK3191/1-2.5-PEBBLE GREY	53191010001F	200
2	7.00	AK3191/2-2.5-PEBBLE GREY	53191020001F	200
3	9.50	AK3191/3-2.5-PEBBLE GREY	53191030001F	200
4	12.00	AK3191/4-2.5-PEBBLE GREY	53191040001F	200
5	14.50	AK3191/5-2.5-PEBBLE GREY	53191050001E	100
6	17.00	AK3191/6-2.5-PEBBLE GREY	53191060001E	100
7	19.50	AK3191/7-2.5-PEBBLE GREY	53191070001E	100
8	22.00	AK3191/8-2.5-PEBBLE GREY	53191080001D	50
...
12	32.00	AK3191/12-2.5-PEBBLE GREY	53191120001D	50

Order Data (Spacing 2.54 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	4.54	AKZ3191/1-2.54-ORANGE	53191011321F	200
2	7.08	AKZ3191/2-2.54-ORANGE	53191021321F	200
3	9.62	AKZ3191/3-2.54-ORANGE	53191031321F	200
4	12.16	AKZ3191/4-2.54-ORANGE	53191041321F	200
5	14.70	AKZ3191/5-2.54-ORANGE	53191051321E	100
6	17.24	AKZ3191/6-2.54-ORANGE	53191061321E	100
7	19.78	AKZ3191/7-2.54-ORANGE	53191071321E	100
8	22.32	AKZ3191/8-2.54-ORANGE	53191081321D	50
...
12	32.48	AKZ3191/12-2.54-ORANGE	53191121321D	50

Ratings



Usegroup	B	C	D	
Rated Voltage	150 V	-	-	130 V
Rated Current	4 A	-	-	9 A
Rated Wire Size				min max
solid	AWG 28-20	-	-	0.2 mm ² 0.5 mm ²
stranded	-	-	-	- -
Test Voltage	1.3 kV	-	-	1.25 kV



AK3191/..KD-2.5-PEBBLE GREY AKZ3191/..KD-2.54-ORANGE

1- to n-poles

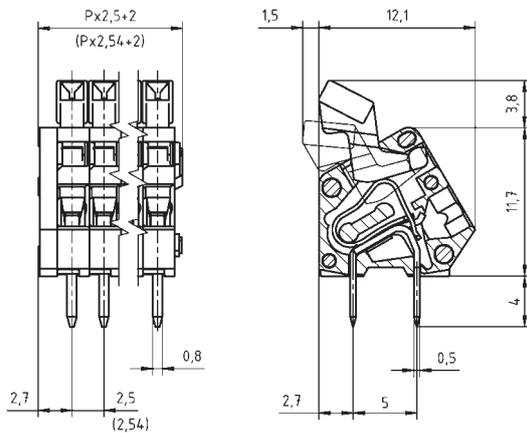
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	0.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.14 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

PEBBLE GREY, RAL 7032 ORANGE, RAL 2011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 2.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	4.50	AK3191/1KD-2.5-PEBBLE GREY	53191011001F	200
2	7.00	AK3191/2KD-2.5-PEBBLE GREY	53191021001F	200
3	9.50	AK3191/3KD-2.5-PEBBLE GREY	53191031001F	200
4	12.00	AK3191/4KD-2.5-PEBBLE GREY	53191041001F	200
5	14.50	AK3191/5KD-2.5-PEBBLE GREY	53191051001E	100
6	17.00	AK3191/6KD-2.5-PEBBLE GREY	53191061001E	100
7	19.50	AK3191/7KD-2.5-PEBBLE GREY	53191071001E	100
8	22.00	AK3191/8KD-2.5-PEBBLE GREY	53191081001D	50
...
12	32.00	AK3191/12KD-2.5-PEBBLE GREY	53191121001D	50

Order Data (Spacing 2.54 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	4.54	AKZ3191/1KD-2.54-ORANGE	53191010321F	200
2	7.08	AKZ3191/2KD-2.54-ORANGE	53191020321F	200
3	9.62	AKZ3191/3KD-2.54-ORANGE	53191030321F	200
4	12.16	AKZ3191/4KD-2.54-ORANGE	53191040321F	200
5	14.70	AKZ3191/5KD-2.54-ORANGE	53191050321E	100
6	17.24	AKZ3191/6KD-2.54-ORANGE	53191060321E	100
7	19.78	AKZ3191/7KD-2.54-ORANGE	53191070321E	100
8	22.32	AKZ3191/8KD-2.54-ORANGE	53191080321D	50
...
12	32.48	AKZ3191/12KD-2.54-ORANGE	53191120321D	50

Ratings



Usegroup	B	C	D		
Rated Voltage	150 V	-	-	130 V	
Rated Current	4 A	-	-	9 A	
Rated Wire Size				min	max
solid	AWG 28-20	-	-	0.2 mm ²	0.5 mm ²
stranded	-	-	-	-	-
Test Voltage	1.3 kV	-	-	1.25 kV	

AK3000/..-5.0-PEBBLE GREY

1- to n-poles



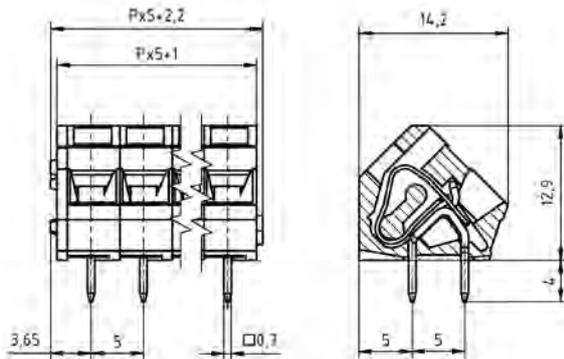
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

	PEBBLE GREY, RAL 7032		ORANGE, RAL 2011
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	7.20	AK3000/1-5.0-PEBBLE GREY	53000010001G	250
2	12.20	AK3000/2-5.0-PEBBLE GREY	53000020001F	200
3	17.20	AK3000/3-5.0-PEBBLE GREY	53000030001F	200
4	22.20	AK3000/4-5.0-PEBBLE GREY	53000040001F	200
5	27.20	AK3000/5-5.0-PEBBLE GREY	53000050001E	100
6	32.20	AK3000/6-5.0-PEBBLE GREY	53000060001E	100
7	37.20	AK3000/7-5.0-PEBBLE GREY	53000070001E	100
8	42.20	AK3000/8-5.0-PEBBLE GREY	53000080001D	50
9	47.20	AK3000/9-5.0-PEBBLE GREY	53000090001D	50
10	52.20	AK3000/10-5.0-PEBBLE GREY	53000100001D	50
11	57.20	AK3000/11-5.0-PEBBLE GREY	53000110001D	50
12	62.20	AK3000/12-5.0-PEBBLE GREY	53000120001D	50
13	67.20	AK3000/13-5.0-PEBBLE GREY	53000130001D	50
14	72.20	AK3000/14-5.0-PEBBLE GREY	53000140001D	50
15	77.20	AK3000/15-5.0-PEBBLE GREY	53000150001D	50
16	82.20	AK3000/16-5.0-PEBBLE GREY	53000160001D	50
17	87.20	AK3000/17-5.0-PEBBLE GREY	53000170001D	50
18	92.20	AK3000/18-5.0-PEBBLE GREY	53000180001D	50
19	97.20	AK3000/19-5.0-PEBBLE GREY	53000190001D	50
20	102.20	AK3000/20-5.0-PEBBLE GREY	53000200001D	50
21	107.20	AK3000/21-5.0-PEBBLE GREY	53000210001D	50
22	112.20	AK3000/22-5.0-PEBBLE GREY	53000220001D	50
23	117.20	AK3000/23-5.0-PEBBLE GREY	53000230001D	50
24	122.20	AK3000/24-5.0-PEBBLE GREY	53000240001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 				
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	24 A	
Rated Wire Size				min max	
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	

AK3001/..KD-5.0-PEBBLE GREY

1- to n-poles



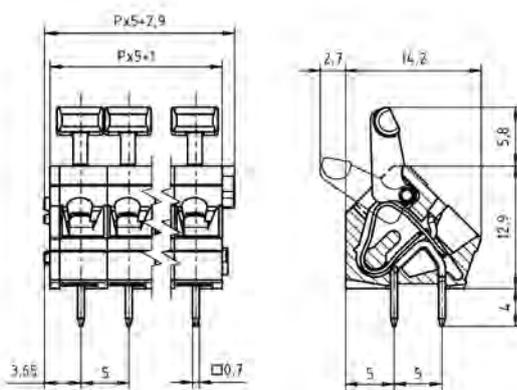
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

	PEBBLE GREY, RAL 7032		GREEN, RAL 6018
	ORANGE, RAL 2011		BLUE, RAL 5015
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	7.90	AK3001/1KD-5.0-PEBBLE GREY	53001010001G	250
2	12.90	AK3001/2KD-5.0-PEBBLE GREY	53001020001F	200
3	17.90	AK3001/3KD-5.0-PEBBLE GREY	53001030001F	200
4	22.90	AK3001/4KD-5.0-PEBBLE GREY	53001040001F	200
5	27.90	AK3001/5KD-5.0-PEBBLE GREY	53001050001E	100
6	32.90	AK3001/6KD-5.0-PEBBLE GREY	53001060001E	100
7	37.90	AK3001/7KD-5.0-PEBBLE GREY	53001070001E	100
8	42.90	AK3001/8KD-5.0-PEBBLE GREY	53001080001D	50
9	47.90	AK3001/9KD-5.0-PEBBLE GREY	53001090001D	50
10	52.90	AK3001/10KD-5.0-PEBBLE GREY	53001100001D	50
11	57.90	AK3001/11KD-5.0-PEBBLE GREY	53001110001D	50
12	62.90	AK3001/12KD-5.0-PEBBLE GREY	53001120001D	50
13	67.90	AK3001/13KD-5.0-PEBBLE GREY	53001130001D	50
14	72.90	AK3001/14KD-5.0-PEBBLE GREY	53001140001D	50
15	77.90	AK3001/15KD-5.0-PEBBLE GREY	53001150001D	50
16	82.90	AK3001/16KD-5.0-PEBBLE GREY	53001160001D	50
17	87.90	AK3001/17KD-5.0-PEBBLE GREY	53001170001D	50
18	92.90	AK3001/18KD-5.0-PEBBLE GREY	53001180001D	50
19	97.90	AK3001/19KD-5.0-PEBBLE GREY	53001190001D	50
20	102.90	AK3001/20KD-5.0-PEBBLE GREY	53001200001D	50
21	107.90	AK3001/21KD-5.0-PEBBLE GREY	53001210001D	50
22	112.90	AK3001/22KD-5.0-PEBBLE GREY	53001220001D	50
23	117.90	AK3001/23KD-5.0-PEBBLE GREY	53001230001D	50
24	122.90	AK3001/24KD-5.0-PEBBLE GREY	53001240001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RAL U8			VDE	
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² / 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² / 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	

AK3001/..FD-5.0-PEBBLE GREY

1- to n-poles



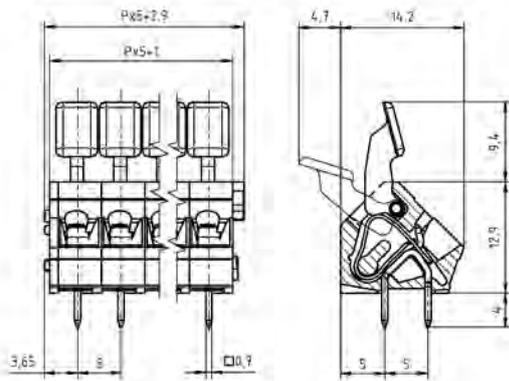
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

	PEBBLE GREY, RAL 7032		GREEN, RAL 6018
	ORANGE, RAL 2011		BLUE, RAL 5015
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	7.90	AK3001/1FD-5.0-PEBBLE GREY	53001010021G	250
2	12.90	AK3001/2FD-5.0-PEBBLE GREY	53001020021F	200
3	17.90	AK3001/3FD-5.0-PEBBLE GREY	53001030021F	200
4	22.90	AK3001/4FD-5.0-PEBBLE GREY	53001040021F	200
5	27.90	AK3001/5FD-5.0-PEBBLE GREY	53001050021E	100
6	32.90	AK3001/6FD-5.0-PEBBLE GREY	53001060021E	100
7	37.90	AK3001/7FD-5.0-PEBBLE GREY	53001070021E	100
8	42.90	AK3001/8FD-5.0-PEBBLE GREY	53001080021D	50
9	47.90	AK3001/9FD-5.0-PEBBLE GREY	53001090021D	50
10	52.90	AK3001/10FD-5.0-PEBBLE GREY	53001100021D	50
11	57.90	AK3001/11FD-5.0-PEBBLE GREY	53001110021D	50
12	62.90	AK3001/12FD-5.0-PEBBLE GREY	53001120021D	50
13	67.90	AK3001/13FD-5.0-PEBBLE GREY	53001130021D	50
14	72.90	AK3001/14FD-5.0-PEBBLE GREY	53001140021D	50
15	77.90	AK3001/15FD-5.0-PEBBLE GREY	53001150021D	50
16	82.90	AK3001/16FD-5.0-PEBBLE GREY	53001160021D	50
17	87.90	AK3001/17FD-5.0-PEBBLE GREY	53001170021D	50
18	92.90	AK3001/18FD-5.0-PEBBLE GREY	53001180021D	50
19	97.90	AK3001/19FD-5.0-PEBBLE GREY	53001190021D	50
20	102.90	AK3001/20FD-5.0-PEBBLE GREY	53001200021D	50
21	107.90	AK3001/21FD-5.0-PEBBLE GREY	53001210021D	50
22	112.90	AK3001/22FD-5.0-PEBBLE GREY	53001220021D	50
23	117.90	AK3001/23FD-5.0-PEBBLE GREY	53001230021D	50
24	122.90	AK3001/24FD-5.0-PEBBLE GREY	53001240021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² / 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² / 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	



AK3001/..WD-5.0-PEBBLE GREY

1- to n-poles

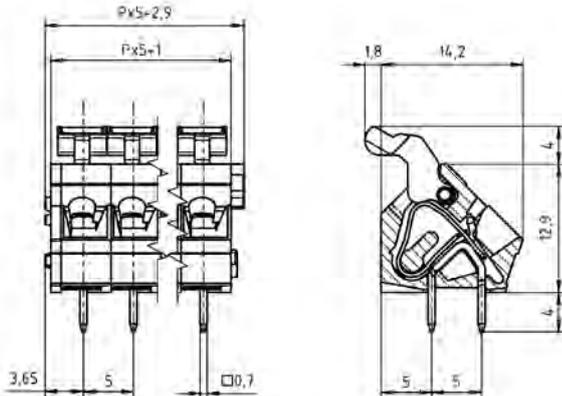
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

	PEBBLE GREY, RAL 7032		GREEN, RAL 6018
	ORANGE, RAL 2011		BLUE, RAL 5015
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	7.90	AK3001/1WD-5.0-PEBBLE GREY	53001010051F	200
2	12.90	AK3001/2WD-5.0-PEBBLE GREY	53001020051F	200
3	17.90	AK3001/3WD-5.0-PEBBLE GREY	53001030051F	200
4	22.90	AK3001/4WD-5.0-PEBBLE GREY	53001040051F	200
5	27.90	AK3001/5WD-5.0-PEBBLE GREY	53001050051E	100
6	32.90	AK3001/6WD-5.0-PEBBLE GREY	53001060051E	100
7	37.90	AK3001/7WD-5.0-PEBBLE GREY	53001070051E	100
8	42.90	AK3001/8WD-5.0-PEBBLE GREY	53001080051D	50
9	47.90	AK3001/9WD-5.0-PEBBLE GREY	53001090051D	50
10	52.90	AK3001/10WD-5.0-PEBBLE GREY	53001100051D	50
11	57.90	AK3001/11WD-5.0-PEBBLE GREY	53001110051D	50
12	62.90	AK3001/12WD-5.0-PEBBLE GREY	53001120051D	50
13	67.90	AK3001/13WD-5.0-PEBBLE GREY	53001130051D	50
14	72.90	AK3001/14WD-5.0-PEBBLE GREY	53001140051D	50
15	77.90	AK3001/15WD-5.0-PEBBLE GREY	53001150051D	50
16	82.90	AK3001/16WD-5.0-PEBBLE GREY	53001160051D	50
17	87.90	AK3001/17WD-5.0-PEBBLE GREY	53001170051D	50
18	92.90	AK3001/18WD-5.0-PEBBLE GREY	53001180051D	50
19	97.90	AK3001/19WD-5.0-PEBBLE GREY	53001190051D	50
20	102.90	AK3001/20WD-5.0-PEBBLE GREY	53001200051D	50
21	107.90	AK3001/21WD-5.0-PEBBLE GREY	53001210051D	50
22	112.90	AK3001/22WD-5.0-PEBBLE GREY	53001220051D	50
23	117.90	AK3001/23WD-5.0-PEBBLE GREY	53001230051D	50
24	122.90	AK3001/24WD-5.0-PEBBLE GREY	53001240051D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RL U3			VDE	
	B	C	D	250 V	
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV		-	1.6 kV	2.0 kV

AK3100/..-5.0-PEBBLE GREY

1- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

PEBBLE GREY, RAL 7032

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

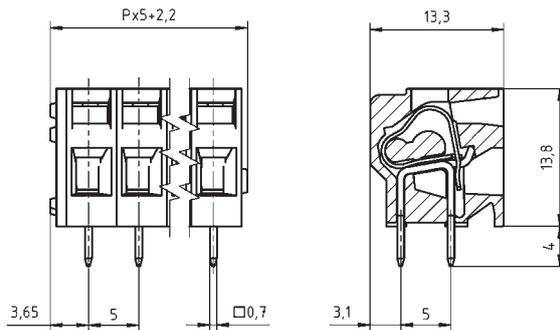
Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	7.20	AK3100/1-5.0-PEBBLE GREY	53100010001G	250
2	12.20	AK3100/2-5.0-PEBBLE GREY	53100020001F	200
3	17.20	AK3100/3-5.0-PEBBLE GREY	53100030001F	200
4	22.20	AK3100/4-5.0-PEBBLE GREY	53100040001F	200
5	27.20	AK3100/5-5.0-PEBBLE GREY	53100050001E	100
6	32.20	AK3100/6-5.0-PEBBLE GREY	53100060001E	100
7	37.20	AK3100/7-5.0-PEBBLE GREY	53100070001E	100
8	42.20	AK3100/8-5.0-PEBBLE GREY	53100080001D	50
9	47.20	AK3100/9-5.0-PEBBLE GREY	53100090001D	50
10	52.20	AK3100/10-5.0-PEBBLE GREY	53100100001D	50
11	57.20	AK3100/11-5.0-PEBBLE GREY	53100110001D	50
12	62.20	AK3100/12-5.0-PEBBLE GREY	53100120001D	50
13	67.20	AK3100/13-5.0-PEBBLE GREY	53100130001D	50
14	72.20	AK3100/14-5.0-PEBBLE GREY	53100140001D	50
15	77.20	AK3100/15-5.0-PEBBLE GREY	53100150001D	50
16	82.20	AK3100/16-5.0-PEBBLE GREY	53100160001D	50
17	87.20	AK3100/17-5.0-PEBBLE GREY	53100170001D	50
18	92.20	AK3100/18-5.0-PEBBLE GREY	53100180001D	50
19	97.20	AK3100/19-5.0-PEBBLE GREY	53100190001D	50
20	102.20	AK3100/20-5.0-PEBBLE GREY	53100200001D	50
21	107.20	AK3100/21-5.0-PEBBLE GREY	53100210001D	50
22	112.20	AK3100/22-5.0-PEBBLE GREY	53100220001D	50
23	117.20	AK3100/23-5.0-PEBBLE GREY	53100230001D	50
24	122.20	AK3100/24-5.0-PEBBLE GREY	53100240001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	16 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	



AK3101/..KD-5.0-PEBBLE GREY

1- to n-poles

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

 PEBBLE GREY, RAL 7032

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

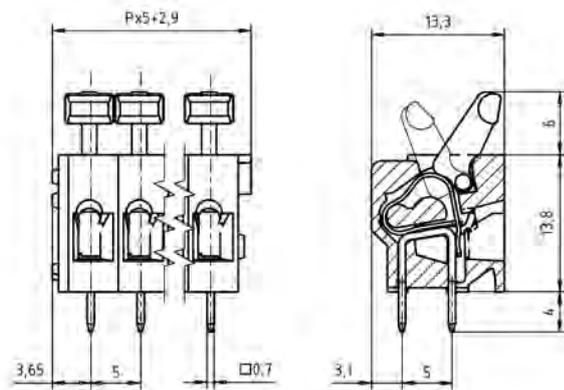
Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	7.90	AK3101/1KD-5.0-PEBBLE GREY	53101010001G	250
2	12.90	AK3101/2KD-5.0-PEBBLE GREY	53101020001F	200
3	17.90	AK3101/3KD-5.0-PEBBLE GREY	53101030001F	200
4	22.90	AK3101/4KD-5.0-PEBBLE GREY	53101040001F	200
5	27.90	AK3101/5KD-5.0-PEBBLE GREY	53101050001E	100
6	32.90	AK3101/6KD-5.0-PEBBLE GREY	53101060001E	100
7	37.90	AK3101/7KD-5.0-PEBBLE GREY	53101070001E	100
8	42.90	AK3101/8KD-5.0-PEBBLE GREY	53101080001D	50
9	47.90	AK3101/9KD-5.0-PEBBLE GREY	53101090001D	50
10	52.90	AK3101/10KD-5.0-PEBBLE GREY	53101100001D	50
11	57.90	AK3101/11KD-5.0-PEBBLE GREY	53101110001D	50
12	62.90	AK3101/12KD-5.0-PEBBLE GREY	53101120001D	50
13	67.90	AK3101/13KD-5.0-PEBBLE GREY	53101130001D	50
14	72.90	AK3101/14KD-5.0-PEBBLE GREY	53101140001D	50
15	77.90	AK3101/15KD-5.0-PEBBLE GREY	53101150001D	50
16	82.90	AK3101/16KD-5.0-PEBBLE GREY	53101160001D	50
17	87.90	AK3101/17KD-5.0-PEBBLE GREY	53101170001D	50
18	92.90	AK3101/18KD-5.0-PEBBLE GREY	53101180001D	50
19	97.90	AK3101/19KD-5.0-PEBBLE GREY	53101190001D	50
20	102.90	AK3101/20KD-5.0-PEBBLE GREY	53101200001D	50
21	107.90	AK3101/21KD-5.0-PEBBLE GREY	53101210001D	50
22	112.90	AK3101/22KD-5.0-PEBBLE GREY	53101220001D	50
23	117.90	AK3101/23KD-5.0-PEBBLE GREY	53101230001D	50
24	122.90	AK3101/24KD-5.0-PEBBLE GREY	53101240001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	16 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV		-	1.6 kV	2.0 kV

AK3101/..WD-5.0-PEBBLE GREY

1- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

■ PEBBLE GREY, RAL 7032

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

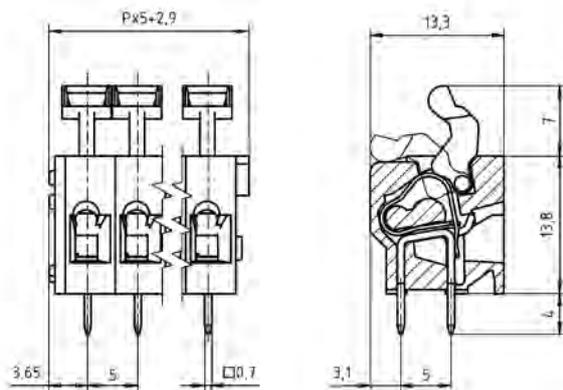
Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	7.90	AK3101/1WD-5.0-PEBBLE GREY	53101010021G	250
2	12.90	AK3101/2WD-5.0-PEBBLE GREY	53101020021F	200
3	17.90	AK3101/3WD-5.0-PEBBLE GREY	53101030021F	200
4	22.90	AK3101/4WD-5.0-PEBBLE GREY	53101040021F	200
5	27.90	AK3101/5WD-5.0-PEBBLE GREY	53101050021E	100
6	32.90	AK3101/6WD-5.0-PEBBLE GREY	53101060021E	100
7	37.90	AK3101/7WD-5.0-PEBBLE GREY	53101070021E	100
8	42.90	AK3101/8WD-5.0-PEBBLE GREY	53101080021D	50
9	47.90	AK3101/9WD-5.0-PEBBLE GREY	53101090021D	50
10	52.90	AK3101/10WD-5.0-PEBBLE GREY	53101100021D	50
11	57.90	AK3101/11WD-5.0-PEBBLE GREY	53101110021D	50
12	62.90	AK3101/12WD-5.0-PEBBLE GREY	53101120021D	50
13	67.90	AK3101/13WD-5.0-PEBBLE GREY	53101130021D	50
14	72.90	AK3101/14WD-5.0-PEBBLE GREY	53101140021D	50
15	77.90	AK3101/15WD-5.0-PEBBLE GREY	53101150021D	50
16	82.90	AK3101/16WD-5.0-PEBBLE GREY	53101160021D	50
17	87.90	AK3101/17WD-5.0-PEBBLE GREY	53101170021D	50
18	92.90	AK3101/18WD-5.0-PEBBLE GREY	53101180021D	50
19	97.90	AK3101/19WD-5.0-PEBBLE GREY	53101190021D	50
20	102.90	AK3101/20WD-5.0-PEBBLE GREY	53101200021D	50
21	107.90	AK3101/21WD-5.0-PEBBLE GREY	53101210021D	50
22	112.90	AK3101/22WD-5.0-PEBBLE GREY	53101220021D	50
23	117.90	AK3101/23WD-5.0-PEBBLE GREY	53101230021D	50
24	122.90	AK3101/24WD-5.0-PEBBLE GREY	53101240021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	16 A	-	10 A	24 A	
Rated Wire Size				min max	
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV	



AK3750/..-5.0-GREEN AKZ3750/..-5.08-GREEN

1- to n-poles

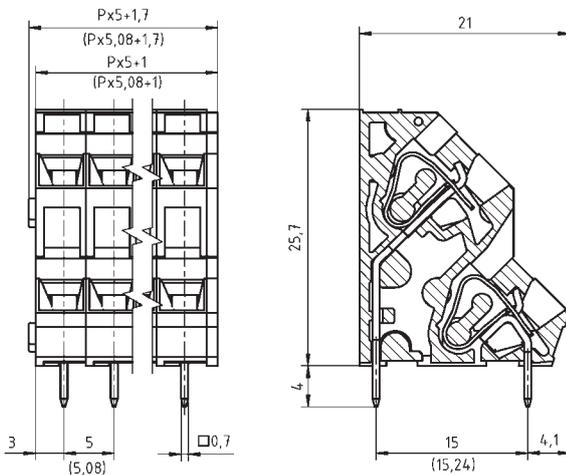
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

- GREEN, RAL 6018
- TRAFFIC GREY, RAL 7042
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.70	AK3750/1-5.0-GREEN	53750010203F	200
2	11.70	AK3750/2-5.0-GREEN	53750020203E	100
3	16.70	AK3750/3-5.0-GREEN	53750030203E	100
4	21.70	AK3750/4-5.0-GREEN	53750040203D	50
5	26.70	AK3750/5-5.0-GREEN	53750050203D	50
6	31.70	AK3750/6-5.0-GREEN	53750060203D	50
7	36.70	AK3750/7-5.0-GREEN	53750070203D	50
8	41.70	AK3750/8-5.0-GREEN	53750080203D	50
...
12	61.70	AK3750/12-5.0-GREEN	53750120203D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.78	AKZ3750/1-5.08-GREEN	53750010213F	200
2	11.86	AKZ3750/2-5.08-GREEN	53750020213E	100
3	16.94	AKZ3750/3-5.08-GREEN	53750030213E	100
4	22.02	AKZ3750/4-5.08-GREEN	53750040213D	50
5	27.10	AKZ3750/5-5.08-GREEN	53750050213D	50
6	32.18	AKZ3750/6-5.08-GREEN	53750060213D	50
7	37.26	AKZ3750/7-5.08-GREEN	53750070213D	50
8	42.34	AKZ3750/8-5.08-GREEN	53750080213D	50
...
12	62.66	AKZ3750/12-5.08-GREEN	53750120213D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS		VDE		
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	16 A	-	10 A	12 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV		1.6 kV		2.0 kV

AK3750/..-5.0-GREEN-PD10.0 AKZ3750/..-5.08-GREEN-PD10.16

1- to n-poles



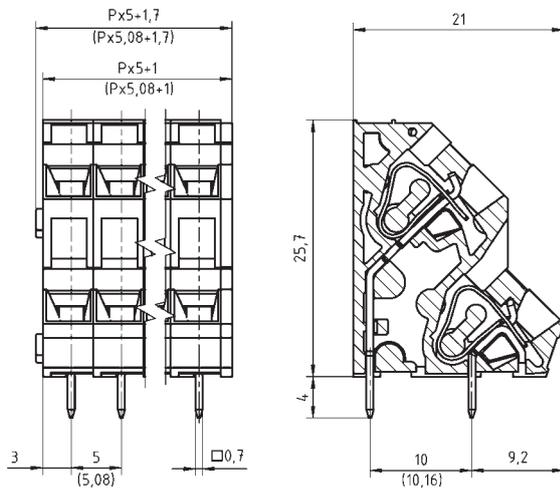
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.0 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

- GREEN, RAL 6018
- TRAFFIC GREY, RAL 7042
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.70	AK3750/1-5.0-GREEN-PD10.0	53750010241F	200
2	11.70	AK3750/2-5.0-GREEN-PD10.0	53750020241E	100
3	16.70	AK3750/3-5.0-GREEN-PD10.0	53750030241E	100
4	21.70	AK3750/4-5.0-GREEN-PD10.0	53750040241D	50
5	26.70	AK3750/5-5.0-GREEN-PD10.0	53750050241D	50
6	31.70	AK3750/6-5.0-GREEN-PD10.0	53750060241D	50
7	36.70	AK3750/7-5.0-GREEN-PD10.0	53750070241D	50
8	41.70	AK3750/8-5.0-GREEN-PD10.0	53750080241D	50
...
12	61.70	AK3750/12-5.0-GREEN-PD10.0	53750120241D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.78	AKZ3750/1-5.08-GREEN-PD10.16	53750010251F	200
2	11.86	AKZ3750/2-5.08-GREEN-PD10.16	53750020251E	100
3	16.94	AKZ3750/3-5.08-GREEN-PD10.16	53750030251E	100
4	22.02	AKZ3750/4-5.08-GREEN-PD10.16	53750040251D	50
5	27.10	AKZ3750/5-5.08-GREEN-PD10.16	53750050251D	50
6	32.18	AKZ3750/6-5.08-GREEN-PD10.16	53750060251D	50
7	37.26	AKZ3750/7-5.08-GREEN-PD10.16	53750070251D	50
8	42.34	AKZ3750/8-5.08-GREEN-PD10.16	53750080251D	50
...
12	62.66	AKZ3750/12-5.08-GREEN-PD10.16	53750120251D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	16 A	-	10 A	12 A
Rated Wire Size			min max	
	solid	AWG 28-14	-	AWG 28-14 0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14 0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV



AK3750/..VP-5.0-GREEN AKZ3750/..VP-5.08-GREEN

1- to n-poles

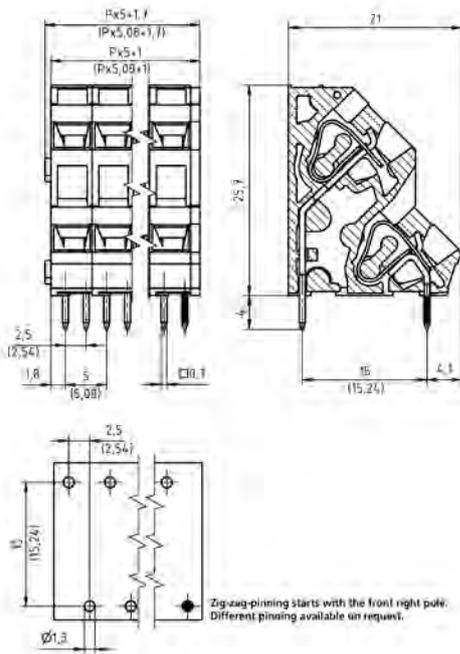
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

- GREEN, RAL 6018
- TRAFFIC GREY, RAL 7042
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.70	AK3750/1VP-5.0-GREEN	53750010201F	200
2	11.70	AK3750/2VP-5.0-GREEN	53750020201E	100
3	16.70	AK3750/3VP-5.0-GREEN	53750030201E	100
4	21.70	AK3750/4VP-5.0-GREEN	53750040201D	50
5	26.70	AK3750/5VP-5.0-GREEN	53750050201D	50
6	31.70	AK3750/6VP-5.0-GREEN	53750060201D	50
7	36.70	AK3750/7VP-5.0-GREEN	53750070201D	50
8	41.70	AK3750/8VP-5.0-GREEN	53750080201D	50
...
12	61.70	AK3750/12VP-5.0-GREEN	53750120201D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.78	AKZ3750/1VP-5.08-GREEN	53750010210F	200
2	11.86	AKZ3750/2VP-5.08-GREEN	53750020210E	100
3	16.94	AKZ3750/3VP-5.08-GREEN	53750030210E	100
4	22.02	AKZ3750/4VP-5.08-GREEN	53750040210D	50
5	27.10	AKZ3750/5VP-5.08-GREEN	53750050210D	50
6	32.18	AKZ3750/6VP-5.08-GREEN	53750060210D	50
7	37.26	AKZ3750/7VP-5.08-GREEN	53750070210D	50
8	42.34	AKZ3750/8VP-5.08-GREEN	53750080210D	50
...
12	62.66	AKZ3750/12VP-5.08-GREEN	53750120210D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	16 A	-	10 A	12 A
Rated Wire Size			min max	
solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV

AK3010/..-7.5-PEBBLE GREY

1- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

■ PEBBLE GREY, RAL 7032

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

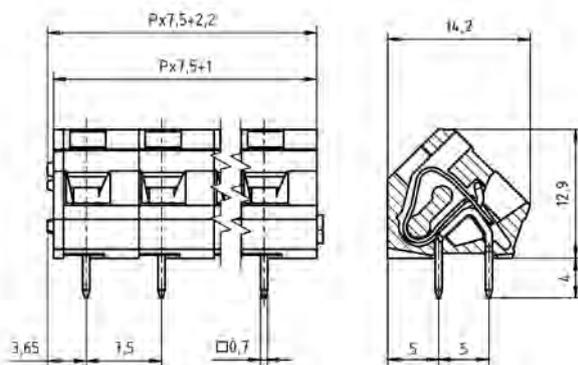
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	9.70	AK3010/1-7.5-PEBBLE GREY	53010010001F	200
2	17.20	AK3010/2-7.5-PEBBLE GREY	53010020001E	100
3	24.70	AK3010/3-7.5-PEBBLE GREY	53010030001E	100
4	32.20	AK3010/4-7.5-PEBBLE GREY	53010040001E	100
5	39.70	AK3010/5-7.5-PEBBLE GREY	53010050001E	100
6	47.20	AK3010/6-7.5-PEBBLE GREY	53010060001D	50
7	54.70	AK3010/7-7.5-PEBBLE GREY	53010070001D	50
8	62.20	AK3010/8-7.5-PEBBLE GREY	53010080001D	50
9	69.70	AK3010/9-7.5-PEBBLE GREY	53010090001D	50
10	77.20	AK3010/10-7.5-PEBBLE GREY	53010100001D	50
11	84.70	AK3010/11-7.5-PEBBLE GREY	53010110001D	50
12	92.20	AK3010/12-7.5-PEBBLE GREY	53010120001D	50
13	99.70	AK3010/13-7.5-PEBBLE GREY	53010130001D	50
14	107.20	AK3010/14-7.5-PEBBLE GREY	53010140001D	50
15	114.70	AK3010/15-7.5-PEBBLE GREY	53010150001D	50
16	122.20	AK3010/16-7.5-PEBBLE GREY	53010160001D	50
17	129.70	AK3010/17-7.5-PEBBLE GREY	53010170001D	50
18	137.20	AK3010/18-7.5-PEBBLE GREY	53010180001D	50
19	144.70	AK3010/19-7.5-PEBBLE GREY	53010190001D	50
20	152.20	AK3010/20-7.5-PEBBLE GREY	53010200001D	50
21	159.70	AK3010/21-7.5-PEBBLE GREY	53010210001D	50
22	167.20	AK3010/22-7.5-PEBBLE GREY	53010220001D	50
23	174.70	AK3010/23-7.5-PEBBLE GREY	53010230001D	50
24	182.20	AK3010/24-7.5-PEBBLE GREY	53010240001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017

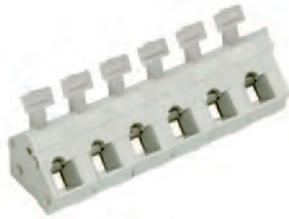
See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	750 V	
Rated Current	16 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	3.0 kV	



AK3011/..KD-7.5-PEBBLE GREY

1- to n-poles

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

■ PEBBLE GREY, RAL 7032

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

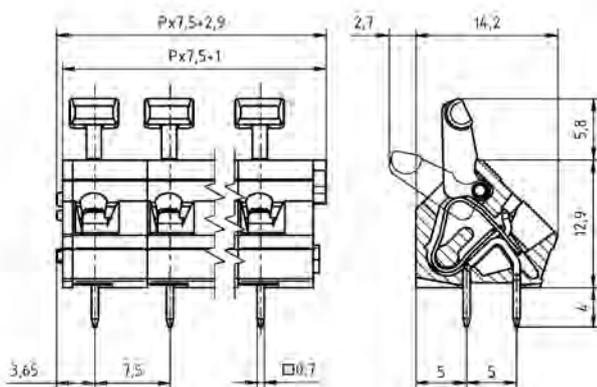
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	10.40	AK3011/1KD-7.5-PEBBLE GREY	53011010001F	200
2	17.90	AK3011/2KD-7.5-PEBBLE GREY	53011020001E	100
3	25.40	AK3011/3KD-7.5-PEBBLE GREY	53011030001E	100
4	32.90	AK3011/4KD-7.5-PEBBLE GREY	53011040001E	100
5	40.40	AK3011/5KD-7.5-PEBBLE GREY	53011050001E	100
6	47.90	AK3011/6KD-7.5-PEBBLE GREY	53011060001D	50
7	55.40	AK3011/7KD-7.5-PEBBLE GREY	53011070001D	50
8	62.90	AK3011/8KD-7.5-PEBBLE GREY	53011080001D	50
9	70.40	AK3011/9KD-7.5-PEBBLE GREY	53011090001D	50
10	77.90	AK3011/10KD-7.5-PEBBLE GREY	53011100001D	50
11	85.40	AK3011/11KD-7.5-PEBBLE GREY	53011110001D	50
12	92.90	AK3011/12KD-7.5-PEBBLE GREY	53011120001D	50
13	100.40	AK3011/13KD-7.5-PEBBLE GREY	53011130001D	50
14	107.90	AK3011/14KD-7.5-PEBBLE GREY	53011140001D	50
15	115.40	AK3011/15KD-7.5-PEBBLE GREY	53011150001D	50
16	122.90	AK3011/16KD-7.5-PEBBLE GREY	53011160001D	50
17	130.40	AK3011/17KD-7.5-PEBBLE GREY	53011170001D	50
18	137.90	AK3011/18KD-7.5-PEBBLE GREY	53011180001D	50
19	145.40	AK3011/19KD-7.5-PEBBLE GREY	53011190001D	50
20	152.90	AK3011/20KD-7.5-PEBBLE GREY	53011200001D	50
21	160.40	AK3011/21KD-7.5-PEBBLE GREY	53011210001D	50
22	167.90	AK3011/22KD-7.5-PEBBLE GREY	53011220001D	50
23	175.40	AK3011/23KD-7.5-PEBBLE GREY	53011230001D	50
24	182.90	AK3011/24KD-7.5-PEBBLE GREY	53011240001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRV2-7.5/7.62-L8.2-LIGHT GREY	50000000017

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



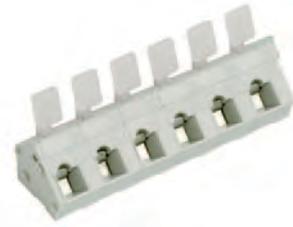
Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	750 V	
Rated Current	16 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV		-	1.6 kV	3.0 kV

AK3011/..FD-7.5-PEBBLE GREY

1- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

■ PEBBLE GREY, RAL 7032

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

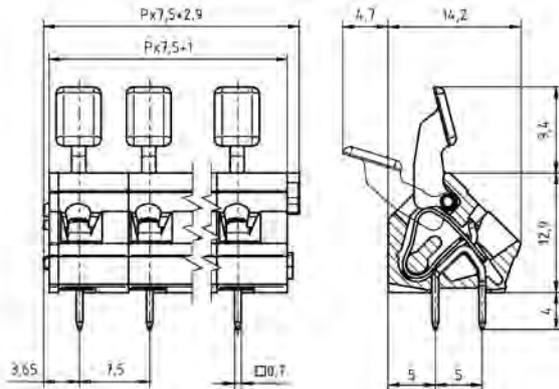
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	10.40	AK3011/1FD-7.5-PEBBLE GREY	53011010021F	200
2	17.90	AK3011/2FD-7.5-PEBBLE GREY	53011020021E	100
3	25.40	AK3011/3FD-7.5-PEBBLE GREY	53011030021E	100
4	32.90	AK3011/4FD-7.5-PEBBLE GREY	53011040021E	100
5	40.40	AK3011/5FD-7.5-PEBBLE GREY	53011050021E	100
6	47.90	AK3011/6FD-7.5-PEBBLE GREY	53011060021D	50
7	55.40	AK3011/7FD-7.5-PEBBLE GREY	53011070021D	50
8	62.90	AK3011/8FD-7.5-PEBBLE GREY	53011080021D	50
9	70.40	AK3011/9FD-7.5-PEBBLE GREY	53011090021D	50
10	77.90	AK3011/10FD-7.5-PEBBLE GREY	53011100021D	50
11	85.40	AK3011/11FD-7.5-PEBBLE GREY	53011110021D	50
12	92.90	AK3011/12FD-7.5-PEBBLE GREY	53011120021D	50
13	100.40	AK3011/13FD-7.5-PEBBLE GREY	53011130021D	50
14	107.90	AK3011/14FD-7.5-PEBBLE GREY	53011140021D	50
15	115.40	AK3011/15FD-7.5-PEBBLE GREY	53011150021D	50
16	122.90	AK3011/16FD-7.5-PEBBLE GREY	53011160021D	50
17	130.40	AK3011/17FD-7.5-PEBBLE GREY	53011170021D	50
18	137.90	AK3011/18FD-7.5-PEBBLE GREY	53011180021D	50
19	145.40	AK3011/19FD-7.5-PEBBLE GREY	53011190021D	50
20	152.90	AK3011/20FD-7.5-PEBBLE GREY	53011200021D	50
21	160.40	AK3011/21FD-7.5-PEBBLE GREY	53011210021D	50
22	167.90	AK3011/22FD-7.5-PEBBLE GREY	53011220021D	50
23	175.40	AK3011/23FD-7.5-PEBBLE GREY	53011230021D	50
24	182.90	AK3011/24FD-7.5-PEBBLE GREY	53011240021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRV2-7.5/7.62-L8.2-LIGHT GREY	50000000017

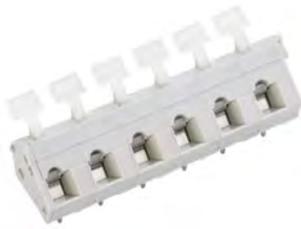
See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	750 V	
Rated Current	16 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	3.0 kV	



AK3011/..WD-7.5-PEBBLE GREY

1- to n-poles

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

Colours

■ PEBBLE GREY, RAL 7032

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

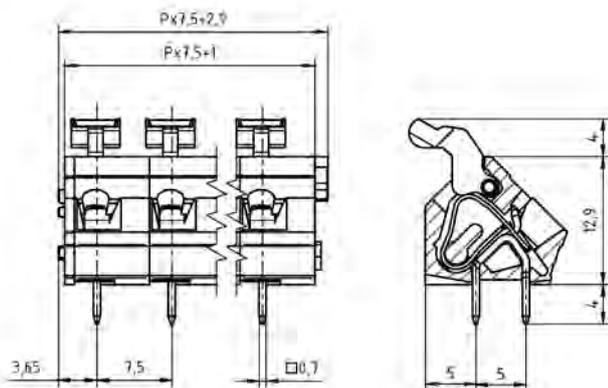
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	10.40	AK3011/1WD-7.5-PEBBLE GREY	53011010071F	200
2	17.90	AK3011/2WD-7.5-PEBBLE GREY	53011020071E	100
3	25.40	AK3011/3WD-7.5-PEBBLE GREY	53011030071E	100
4	32.90	AK3011/4WD-7.5-PEBBLE GREY	53011040071E	100
5	40.40	AK3011/5WD-7.5-PEBBLE GREY	53011050071E	100
6	47.90	AK3011/6WD-7.5-PEBBLE GREY	53011060071D	50
7	55.40	AK3011/7WD-7.5-PEBBLE GREY	53011070071D	50
8	62.90	AK3011/8WD-7.5-PEBBLE GREY	53011080071D	50
9	70.40	AK3011/9WD-7.5-PEBBLE GREY	53011090071D	50
10	77.90	AK3011/10WD-7.5-PEBBLE GREY	53011100071D	50
11	85.40	AK3011/11WD-7.5-PEBBLE GREY	53011110071D	50
12	92.90	AK3011/12WD-7.5-PEBBLE GREY	53011120071D	50
13	100.40	AK3011/13WD-7.5-PEBBLE GREY	53011130071D	50
14	107.90	AK3011/14WD-7.5-PEBBLE GREY	53011140071D	50
15	115.40	AK3011/15WD-7.5-PEBBLE GREY	53011150071D	50
16	122.90	AK3011/16WD-7.5-PEBBLE GREY	53011160071D	50
17	130.40	AK3011/17WD-7.5-PEBBLE GREY	53011170071D	50
18	137.90	AK3011/18WD-7.5-PEBBLE GREY	53011180071D	50
19	145.40	AK3011/19WD-7.5-PEBBLE GREY	53011190071D	50
20	152.90	AK3011/20WD-7.5-PEBBLE GREY	53011200071D	50
21	160.40	AK3011/21WD-7.5-PEBBLE GREY	53011210071D	50
22	167.90	AK3011/22WD-7.5-PEBBLE GREY	53011220071D	50
23	175.40	AK3011/23WD-7.5-PEBBLE GREY	53011230071D	50
24	182.90	AK3011/24WD-7.5-PEBBLE GREY	53011240071D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRV2-7.5/7.62-L8.2-LIGHT GREY	50000000017

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	750 V	
Rated Current	16 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm ² 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	3.0 kV	

AK3000/..-10.0-PEBBLE GREY

2- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

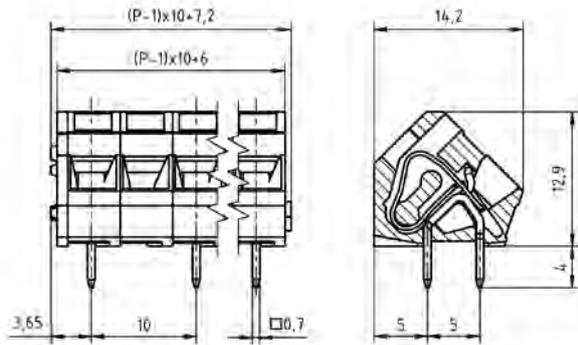
Colours

 PEBBLE GREY, RAL 7032	 ORANGE, RAL 2011
 BLUE, RAL 5015	 LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.20	AK3000/2-10.0-PEBBLE GREY	53000020041E	100
3	27.20	AK3000/3-10.0-PEBBLE GREY	53000030041E	100
4	37.20	AK3000/4-10.0-PEBBLE GREY	53000040041E	100
5	47.20	AK3000/5-10.0-PEBBLE GREY	53000050041E	100
6	57.20	AK3000/6-10.0-PEBBLE GREY	53000060041D	50
7	67.20	AK3000/7-10.0-PEBBLE GREY	53000070041D	50
8	77.20	AK3000/8-10.0-PEBBLE GREY	53000080041D	50
9	87.20	AK3000/9-10.0-PEBBLE GREY	53000090041D	50
10	97.20	AK3000/10-10.0-PEBBLE GREY	53000100041D	50
11	107.20	AK3000/11-10.0-PEBBLE GREY	53000110041D	50
12	117.20	AK3000/12-10.0-PEBBLE GREY	53000120041D	50
13	127.20	AK3000/13-10.0-PEBBLE GREY	53000130041D	50
14	137.20	AK3000/14-10.0-PEBBLE GREY	53000140041D	50
15	147.20	AK3000/15-10.0-PEBBLE GREY	53000150041D	50
16	157.20	AK3000/16-10.0-PEBBLE GREY	53000160041D	50
17	167.20	AK3000/17-10.0-PEBBLE GREY	53000170041D	50
18	177.20	AK3000/18-10.0-PEBBLE GREY	53000180041D	50
19	187.20	AK3000/19-10.0-PEBBLE GREY	53000190041D	50
20	197.20	AK3000/20-10.0-PEBBLE GREY	53000200041D	50
21	207.20	AK3000/21-10.0-PEBBLE GREY	53000210041D	50
22	217.20	AK3000/22-10.0-PEBBLE GREY	53000220041D	50
23	227.20	AK3000/23-10.0-PEBBLE GREY	53000230041D	50
24	237.20	AK3000/24-10.0-PEBBLE GREY	53000240041D	50



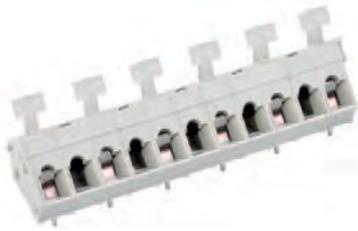
Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	300 V	-	1000 V	
Rated Current	15 A	15 A	-	24 A	
Rated Wire Size				min	max
	solid	AWG 28-14	AWG 28-14	0.5 mm ²	2.5 mm ²
	stranded	AWG 28-14	AWG 28-14	0.5 mm ²	2.5 mm ²
Test Voltage	1.6 kV	1.6 kV	-	3.5 kV	

AK3001/..KD-10.0-PEBBLE GREY

2- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

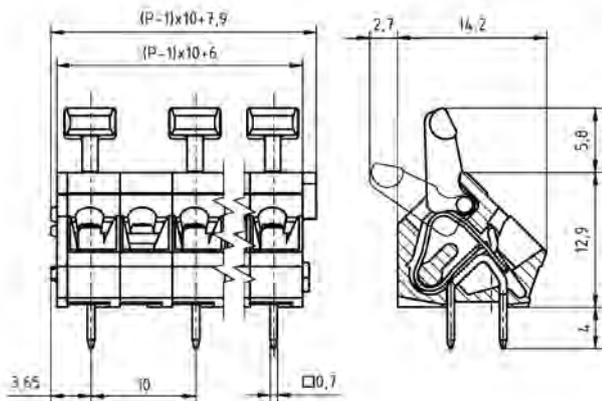
Colours

	PEBBLE GREY, RAL 7032		GREEN, RAL 6018
	ORANGE, RAL 2011		BLUE, RAL 5015
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.90	AK3001/2KD-10.0-PEBBLE GREY	53001020041E	100
3	27.90	AK3001/3KD-10.0-PEBBLE GREY	53001030041E	100
4	37.90	AK3001/4KD-10.0-PEBBLE GREY	53001040041E	100
5	47.90	AK3001/5KD-10.0-PEBBLE GREY	53001050041E	100
6	57.90	AK3001/6KD-10.0-PEBBLE GREY	53001060041D	50
7	67.90	AK3001/7KD-10.0-PEBBLE GREY	53001070041D	50
8	77.90	AK3001/8KD-10.0-PEBBLE GREY	53001080041D	50
9	87.90	AK3001/9KD-10.0-PEBBLE GREY	53001090041D	50
10	97.90	AK3001/10KD-10.0-PEBBLE GREY	53001100041D	50
11	107.90	AK3001/11KD-10.0-PEBBLE GREY	53001110041D	50
12	117.90	AK3001/12KD-10.0-PEBBLE GREY	53001120041D	50
13	127.90	AK3001/13KD-10.0-PEBBLE GREY	53001130041D	50
14	137.90	AK3001/14KD-10.0-PEBBLE GREY	53001140041D	50
15	147.90	AK3001/15KD-10.0-PEBBLE GREY	53001150041D	50
16	157.90	AK3001/16KD-10.0-PEBBLE GREY	53001160041D	50
17	167.90	AK3001/17KD-10.0-PEBBLE GREY	53001170041D	50
18	177.90	AK3001/18KD-10.0-PEBBLE GREY	53001180041D	50
19	187.90	AK3001/19KD-10.0-PEBBLE GREY	53001190041D	50
20	197.90	AK3001/20KD-10.0-PEBBLE GREY	53001200041D	50
21	207.90	AK3001/21KD-10.0-PEBBLE GREY	53001210041D	50
22	217.90	AK3001/22KD-10.0-PEBBLE GREY	53001220041D	50
23	227.90	AK3001/23KD-10.0-PEBBLE GREY	53001230041D	50
24	237.90	AK3001/24KD-10.0-PEBBLE GREY	53001240041D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	300 V	-	1000 V	
Rated Current	15 A	15 A	-	24 A	
Rated Wire Size				min	max
	solid	AWG 28-14	AWG 28-14	0.5 mm ²	2.5 mm ²
	stranded	AWG 28-14	AWG 28-14	0.5 mm ²	2.5 mm ²
Test Voltage	1.6 kV	1.6 kV	-	3.5 kV	

AK3001/..FD-10.0-PEBBLE GREY

2- to n-poles



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

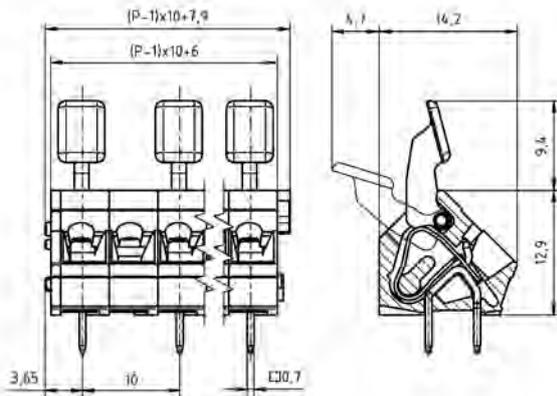
Colours

	PEBBLE GREY, RAL 7032		GREEN, RAL 6018
	ORANGE, RAL 2011		BLUE, RAL 5015
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.90	AK3001/2FD-10.0-PEBBLE GREY	53001020061E	100
3	27.90	AK3001/3FD-10.0-PEBBLE GREY	53001030061E	100
4	37.90	AK3001/4FD-10.0-PEBBLE GREY	53001040061E	100
5	47.90	AK3001/5FD-10.0-PEBBLE GREY	53001050061E	100
6	57.90	AK3001/6FD-10.0-PEBBLE GREY	53001060061D	50
7	67.90	AK3001/7FD-10.0-PEBBLE GREY	53001070061D	50
8	77.90	AK3001/8FD-10.0-PEBBLE GREY	53001080061D	50
9	87.90	AK3001/9FD-10.0-PEBBLE GREY	53001090061D	50
10	97.90	AK3001/10FD-10.0-PEBBLE GREY	53001100061D	50
11	107.90	AK3001/11FD-10.0-PEBBLE GREY	53001110061D	50
12	117.90	AK3001/12FD-10.0-PEBBLE GREY	53001120061D	50
13	127.90	AK3001/13FD-10.0-PEBBLE GREY	53001130061D	50
14	137.90	AK3001/14FD-10.0-PEBBLE GREY	53001140061D	50
15	147.90	AK3001/15FD-10.0-PEBBLE GREY	53001150061D	50
16	157.90	AK3001/16FD-10.0-PEBBLE GREY	53001160061D	50
17	167.90	AK3001/17FD-10.0-PEBBLE GREY	53001170061D	50
18	177.90	AK3001/18FD-10.0-PEBBLE GREY	53001180061D	50
19	187.90	AK3001/19FD-10.0-PEBBLE GREY	53001190061D	50
20	197.90	AK3001/20FD-10.0-PEBBLE GREY	53001200061D	50
21	207.90	AK3001/21FD-10.0-PEBBLE GREY	53001210061D	50
22	217.90	AK3001/22FD-10.0-PEBBLE GREY	53001220061D	50
23	227.90	AK3001/23FD-10.0-PEBBLE GREY	53001230061D	50
24	237.90	AK3001/24FD-10.0-PEBBLE GREY	53001240061D	50



Ratings

Usegroup	c RALUS			VDE	
	B	C	D	1000 V	
Rated Voltage	300 V	300 V	-	1000 V	
Rated Current	15 A	15 A	-	24 A	
Rated Wire Size	min		max		
	solid	AWG 28-14	AWG 28-14	0.5 mm ²	2.5 mm ²
	stranded	AWG 28-14	AWG 28-14	0.5 mm ²	2.5 mm ²
Test Voltage	1.6 kV	1.6 kV	-	3.5 kV	



AK3001/..WD-10.0-PEBBLE GREY

2- to n-poles

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

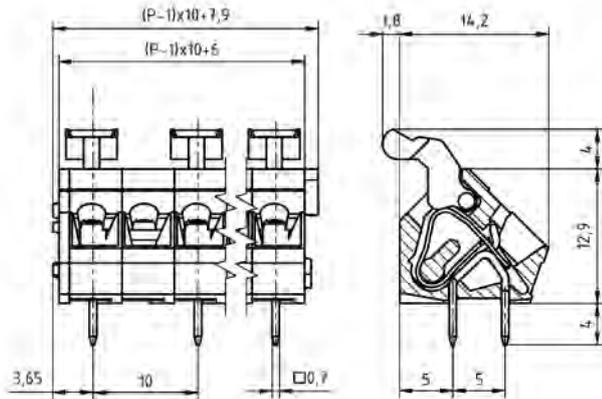
Colours

	PEBBLE GREY, RAL 7032		GREEN, RAL 6018
	ORANGE, RAL 2011		BLUE, RAL 5015
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 10.0 mm)

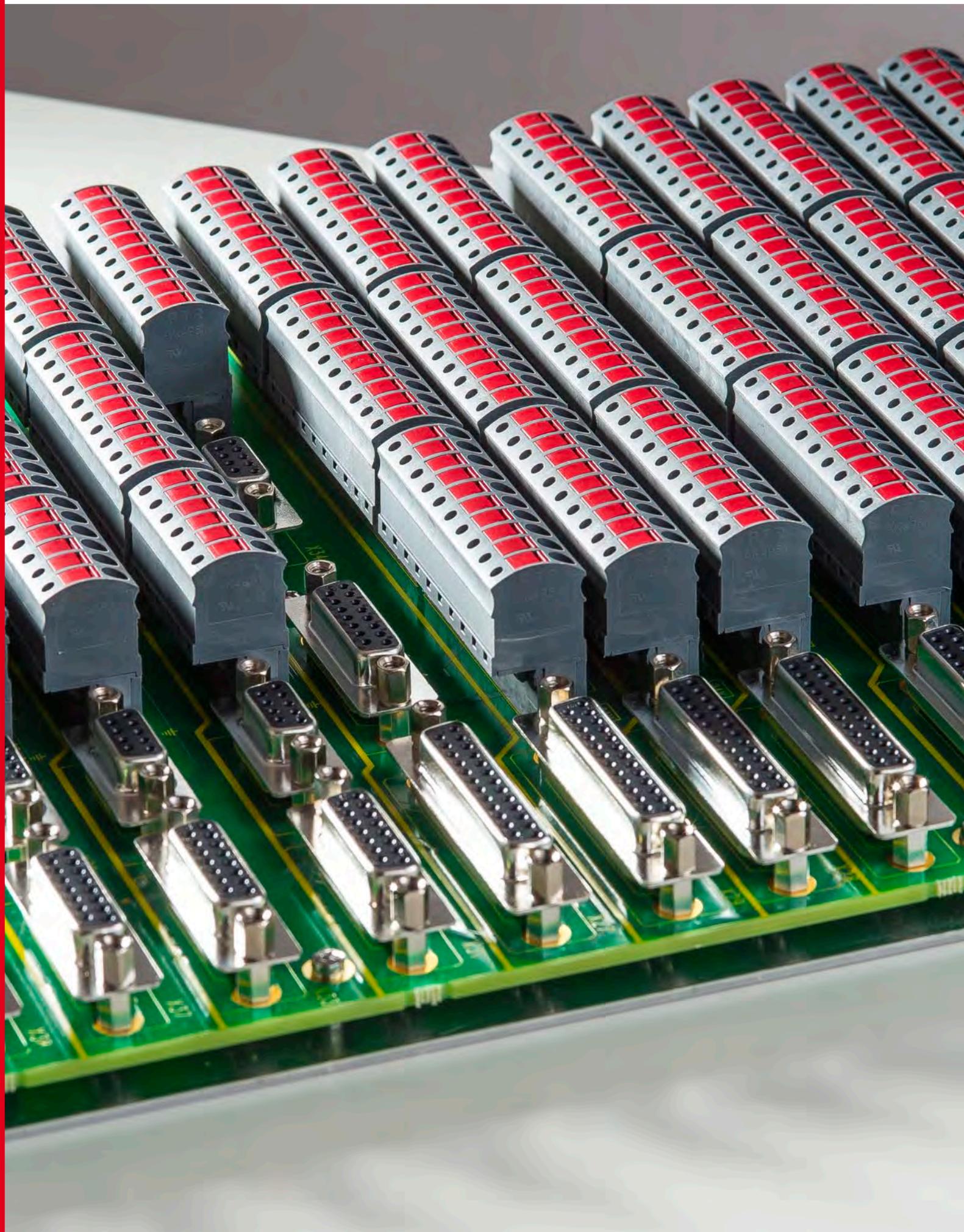
Poles	Width (mm)	Article Designation	Article Number	PU
2	17.90	AK3001/2WD-10.0-PEBBLE GREY	53001020071E	100
3	27.90	AK3001/3WD-10.0-PEBBLE GREY	53001030071E	100
4	37.90	AK3001/4WD-10.0-PEBBLE GREY	53001040071E	100
5	47.90	AK3001/5WD-10.0-PEBBLE GREY	53001050071E	100
6	57.90	AK3001/6WD-10.0-PEBBLE GREY	53001060071D	50
7	67.90	AK3001/7WD-10.0-PEBBLE GREY	53001070071D	50
8	77.90	AK3001/8WD-10.0-PEBBLE GREY	53001080071D	50
9	87.90	AK3001/9WD-10.0-PEBBLE GREY	53001090071D	50
10	97.90	AK3001/10WD-10.0-PEBBLE GREY	53001100071D	50
11	107.90	AK3001/11WD-10.0-PEBBLE GREY	53001110071D	50
12	117.90	AK3001/12WD-10.0-PEBBLE GREY	53001120071D	50
13	127.90	AK3001/13WD-10.0-PEBBLE GREY	53001130071D	50
14	137.90	AK3001/14WD-10.0-PEBBLE GREY	53001140071D	50
15	147.90	AK3001/15WD-10.0-PEBBLE GREY	53001150071D	50
16	157.90	AK3001/16WD-10.0-PEBBLE GREY	53001160071D	50
17	167.90	AK3001/17WD-10.0-PEBBLE GREY	53001170071D	50
18	177.90	AK3001/18WD-10.0-PEBBLE GREY	53001180071D	50
19	187.90	AK3001/19WD-10.0-PEBBLE GREY	53001190071D	50
20	197.90	AK3001/20WD-10.0-PEBBLE GREY	53001200071D	50
21	207.90	AK3001/21WD-10.0-PEBBLE GREY	53001210071D	50
22	217.90	AK3001/22WD-10.0-PEBBLE GREY	53001220071D	50
23	227.90	AK3001/23WD-10.0-PEBBLE GREY	53001230071D	50
24	237.90	AK3001/24WD-10.0-PEBBLE GREY	53001240071D	50



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	300 V	-	1000 V	
Rated Current	15 A	15 A	-	24 A	
Rated Wire Size				min	max
	solid	AWG 28-14	AWG 28-14	0.5 mm ²	2.5 mm ²
	stranded	AWG 28-14	AWG 28-14	0.5 mm ²	2.5 mm ²
Test Voltage	1.6 kV	1.6 kV	-	3.5 kV	



Multi Connector Systems

A multi-connector system consists of a pin strip which is fastened onto the PCB and the relevant terminal block (also known as a socket terminal strip or connector). The terminal blocks are divided into two groups: **a) screw terminal blocks**, and **b) spring terminal blocks**.

Three connection types are available for the **screw terminal blocks** – the **wire guard**, the **lift**, and the **excenter type**. Normally, screw terminal blocks for multi-connector systems are manufactured as a block design and are available using the different connection types with spacing from 3.5 mm to 15.24 mm, metric or inches, and in various colours.

The group of **spring terminal blocks** is divided into terminal blocks using the **push-in design** (leg spring technology) and the **tension spring design**. Terminal blocks which use the push-in design are manufactured in **blocks**, and the terminal blocks which use the tension spring design are manufactured in **layers**. Spring terminal blocks using both connection types are available with spacing from 3.5 mm to 5.08 mm, metric or inches. Many series in the multi-connector systems are available in different colours.

All multi-connector systems are multi-connectors without breaking capacity (COC), and when used as intended, must not be connected or disconnected when under load or live. Wiring has to be done when multi-connectors are unplugged. If there are combinations with different ratings, the lower value is valid.

AK1350/..DS-3.5-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Bronze		
Contact Spring	Bronze		

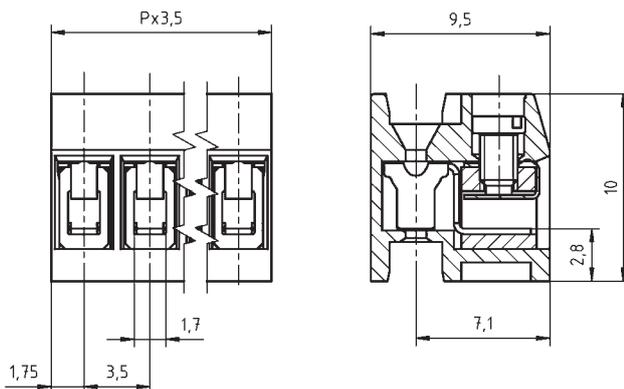
Colours

■ GREY, RAL 7016 ■ LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip
STL1350



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK1350/2DS-3.5-GREY	51350020001G	250
3	10.50	AK1350/3DS-3.5-GREY	51350030001G	250
4	14.00	AK1350/4DS-3.5-GREY	51350040001G	250
5	17.50	AK1350/5DS-3.5-GREY	51350050001G	250
6	21.00	AK1350/6DS-3.5-GREY	51350060001G	250
7	24.50	AK1350/7DS-3.5-GREY	51350070001G	250
8	28.00	AK1350/8DS-3.5-GREY	51350080001E	100
9	31.50	AK1350/9DS-3.5-GREY	51350090001E	100
10	35.00	AK1350/10DS-3.5-GREY	51350100001E	100
11	38.50	AK1350/11DS-3.5-GREY	51350110001E	100
12	42.00	AK1350/12DS-3.5-GREY	51350120001E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L4.7	50000000019
	Bridge, 2-pole, BR/2-3.5/3.81-L4.7	50000000013
	Bridge, 3-pole, BR/3-3.5/3.81-L4.7	50000000014
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Coding Cover CC-AK1350-GREY	51350000000

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D	
Rated Voltage	150 V	-	-	125 V
Rated Current	9 A	-	-	8 A
Overvoltage Category				III
Rated Wire Size				min max
solid	AWG 28-16	-	-	0.2 mm ² (4 A) 1.5 mm ² (8 A)
stranded	AWG 28-16	-	-	0.2 mm ² (4 A) 1.5 mm ² (8 A)
Torque	0.25 Nm	-	-	0.25 Nm
Screw Size	M2	-	-	M2
Test Voltage	1.3 kV	-	-	2.5 kV
Pollution Degree				3



AK1350/..DS-3.5-GREY-CP

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	5.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Bronze		
Contact Spring	Bronze		

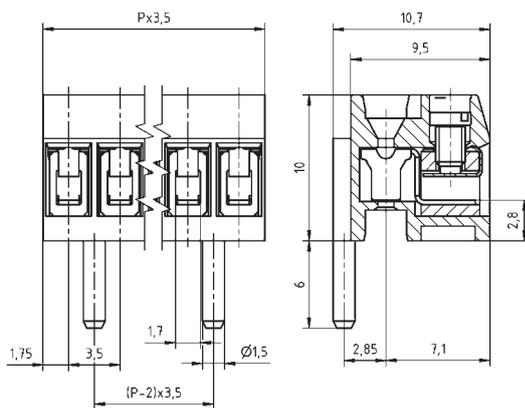
Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip
STL1350



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK1350/2DS-3.5-GREY-CP	51350020121G	250
3	10.50	AK1350/3DS-3.5-GREY-CP	51350030121G	250
4	14.00	AK1350/4DS-3.5-GREY-CP	51350040121G	250
5	17.50	AK1350/5DS-3.5-GREY-CP	51350050121G	250
6	21.00	AK1350/6DS-3.5-GREY-CP	51350060121G	250
7	24.50	AK1350/7DS-3.5-GREY-CP	51350070121G	250
8	28.00	AK1350/8DS-3.5-GREY-CP	51350080121E	100
9	31.50	AK1350/9DS-3.5-GREY-CP	51350090121E	100
10	35.00	AK1350/10DS-3.5-GREY-CP	51350100121E	100
11	38.50	AK1350/11DS-3.5-GREY-CP	51350110121E	100
12	42.00	AK1350/12DS-3.5-GREY-CP	51350120121E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L4.7	50000000019
	Bridge, 2-pole, BR/2-3.5/3.81-L4.7	50000000013
	Bridge, 3-pole, BR/3-3.5/3.81-L4.7	50000000014
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	150 V	-	-	125 V	
Rated Current	9 A	-	-	8 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 28-16	-	0.2 mm ² (4 A)	1.5 mm ² (8 A)
	stranded	AWG 28-16	-	0.2 mm ² (4 A)	1.5 mm ² (8 A)
Torque	0.25 Nm			0.25 Nm	
Screw Size	M2			M2	
Test Voltage	1.3 kV			2.5 kV	
Pollution Degree				3	

AK130/..-5.0-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Copper Alloy		

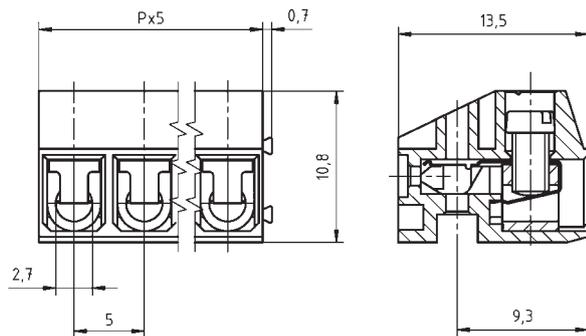
Colours

	GREY, RAL 7016		LIGHT GREY, RAL 7035
	GREEN, RAL 6018		ORANGE, RAL 2011
	RED, RAL 3003		BLUE, RAL 5015
	YELLOW, RAL 1018		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip		
STL130	STL132	STL140



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.70	AK130/2-5.0-GREY	50130020001G	250
3	15.70	AK130/3-5.0-GREY	50130030001G	250
4	20.70	AK130/4-5.0-GREY	50130040001G	250
5	25.70	AK130/5-5.0-GREY	50130050001G	250
6	30.70	AK130/6-5.0-GREY	50130060001G	250
7	35.70	AK130/7-5.0-GREY	50130070001G	250
8	40.70	AK130/8-5.0-GREY	50130080001E	100
9	45.70	AK130/9-5.0-GREY	50130090001E	100
10	50.70	AK130/10-5.0-GREY	50130100001E	100
11	55.70	AK130/11-5.0-GREY	50130110001E	100
12	60.70	AK130/12-5.0-GREY	50130120001E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus			VDE		
	B	C	D	250 V		
Rated Voltage	300 V	150 V	300 V	250 V		
Rated Current	8 A	8 A	8 A	7 A		
Overvoltage Category				III		
Rated Wire Size	min		max			
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (7 A)
	stranded	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ² (5 A)	1.5 mm ² (7 A)
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.40 Nms		
Screw Size	M2.6	M2.6	M2.6	M2.6		
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV		
Pollution Degree				3		

AK130/..-5.0-GREY-BR



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Copper Alloy		

Colours

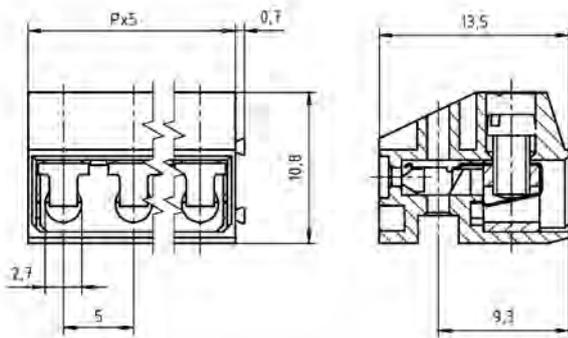
	GREY, RAL 7016		LIGHT GREY, RAL 7035
	GREEN, RAL 6018		ORANGE, RAL 2011
	RED, RAL 3003		BLUE, RAL 5015
	YELLOW, RAL 1018		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip

STL130 STL132 STL140



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.70	AK130/2-5.0-GREY-BR	50130020045G	250
3	15.70	AK130/3-5.0-GREY-BR	50130030045G	250

Ratings

Usegroup	cULus			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	8 A	8 A	8 A	7 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A) 2.5 mm ² (7 A)
	stranded	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ² (5 A) 1.5 mm ² (7 A)
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.40 Nm	
Screw Size	M2.6	M2.6	M2.6	M2.6	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree				3	

AK130/..-5.0-GREY-BL AKZ130/..-5.08-GREY-BL



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Copper Alloy		

Colours

■ GREY, RAL 7016

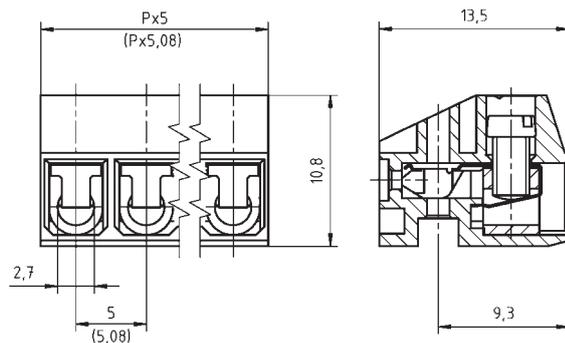
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip		
STL130	STL132	STL140

Counterparts (Spacing 5.08 mm)

Pin Strip	
STLZ130	STLZ140



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK130/2-5.0-GREY-BL	50130022001G	250
3	15.00	AK130/3-5.0-GREY-BL	50130032001G	250
4	20.00	AK130/4-5.0-GREY-BL	50130042001G	250
5	25.00	AK130/5-5.0-GREY-BL	50130052001G	250
6	30.00	AK130/6-5.0-GREY-BL	50130062001G	250
7	35.00	AK130/7-5.0-GREY-BL	50130072001G	250
8	40.00	AK130/8-5.0-GREY-BL	50130082001E	100
9	45.00	AK130/9-5.0-GREY-BL	50130092001E	100
...
16	80.00	AK130/16-5.0-GREY-BL	50130162001D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ130/2-5.08-GREY-BL	50130022051G	250
3	15.24	AKZ130/3-5.08-GREY-BL	50130032051G	250
4	20.32	AKZ130/4-5.08-GREY-BL	50130042051G	250
5	25.40	AKZ130/5-5.08-GREY-BL	50130052051G	250
6	30.48	AKZ130/6-5.08-GREY-BL	50130062051G	250
7	35.56	AKZ130/7-5.08-GREY-BL	50130072051G	250
8	40.64	AKZ130/8-5.08-GREY-BL	50130082051E	100
9	45.72	AKZ130/9-5.08-GREY-BL	50130092051E	100
...
16	81.28	AKZ130/16-5.08-GREY-BL	50130162051D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	8 A	8 A	8 A	7 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (7 A)
	stranded	AWG 22-14	AWG 22-14	0.5 mm ² (5 A)	1.5 mm ² (7 A)
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.40 Nm	
Screw Size	M2.6	M2.6	M2.6	M2.6	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree				3	



AK133/..DSL-5.0-GREY

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Copper Alloy		

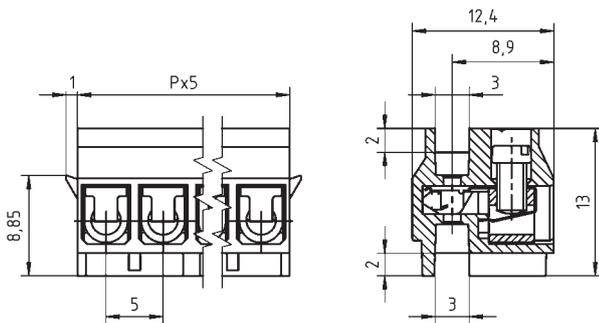
Colours

■ GREY, RAL 7016

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip
STL133



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	12.00	AK133/2DSL-5.0-GREY	50133020001G	250
3	17.00	AK133/3DSL-5.0-GREY	50133030001G	250
4	22.00	AK133/4DSL-5.0-GREY	50133040001G	250
5	27.00	AK133/5DSL-5.0-GREY	50133050001G	250
6	32.00	AK133/6DSL-5.0-GREY	50133060001G	250
7	37.00	AK133/7DSL-5.0-GREY	50133070001G	250
8	42.00	AK133/8DSL-5.0-GREY	50133080001E	100
9	47.00	AK133/9DSL-5.0-GREY	50133090001E	100
10	52.00	AK133/10DSL-5.0-GREY	50133100001E	100
11	57.00	AK133/11DSL-5.0-GREY	50133110001E	100
12	62.00	AK133/12DSL-5.0-GREY	50133120001E	100

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	8 A	-	8 A	7 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 22-12	-	AWG 22-12	0.5 mm ² (5 A)
	stranded	AWG 22-14	-	AWG 22-14	0.5 mm ² (5 A)
Torque	0.45 Nm		-	0.45 Nm	0.40 Nm
Screw Size	M2.6		-	M2.6	M2.6
Test Voltage	1.6 kV		-	1.6 kV	4.0 kV
Pollution Degree	3				

AK130/..-10.0-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Copper Alloy		

Colours

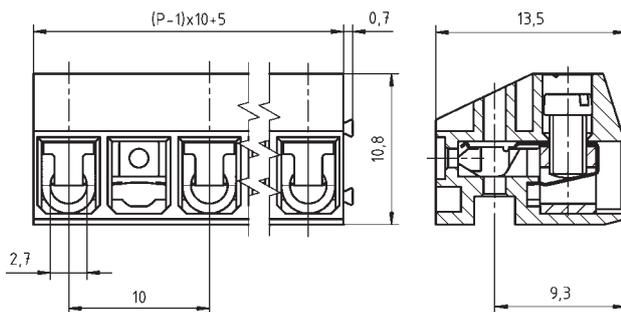
	GREY, RAL 7016		LIGHT GREY, RAL 7035
	GREEN, RAL 6018		ORANGE, RAL 2011
	RED, RAL 3003		BLUE, RAL 5015
	YELLOW, RAL 1018		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 10.0 mm)

Pin Strip

STL130 STL132 STL140



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK130/2-10.0-GREY	50130020021G	250
3	25.70	AK130/3-10.0-GREY	50130030021G	250
4	35.70	AK130/4-10.0-GREY	50130040021G	250
5	45.70	AK130/5-10.0-GREY	50130050021E	100
6	55.70	AK130/6-10.0-GREY	50130060021E	100

Ratings



Usegroup	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	630 V	
Rated Current	8 A	8 A	8 A	7 A	
Overvoltage Category					III
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A) 2.5 mm ² (7 A)
	stranded	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ² (5 A) 2.5 mm ² (7 A)
Torque	0.45 Nm		0.45 Nm	0.40 Nm	
Screw Size	M2.6		M2.6	M2.6	
Test Voltage	1.6 kV		1.3 kV	1.6 kV 6.0 kV	
Pollution Degree	3				



AK130/..-10.0-GREY-BL AKZ130/..-10.16-GREY-BL

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Copper Alloy		

Colours

■ GREY, RAL 7016

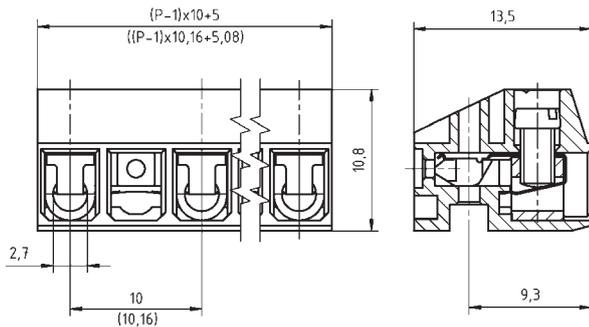
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 10.0 mm)

Pin Strip		
STL130	STL132	STL140

Counterparts (Spacing 10.16 mm)

Pin Strip	
STLZ130	STLZ140



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK130/2-10.0-GREY-BL	50130022021G	250
3	25.00	AK130/3-10.0-GREY-BL	50130032021G	250
4	35.00	AK130/4-10.0-GREY-BL	50130042021G	250
5	45.00	AK130/5-10.0-GREY-BL	50130052021E	100
6	55.00	AK130/6-10.0-GREY-BL	50130062021E	100

Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.24	AKZ130/2-10.16-GREY-BL	50130022071G	250
3	25.40	AKZ130/3-10.16-GREY-BL	50130032071G	250
4	35.56	AKZ130/4-10.16-GREY-BL	50130042071G	250
5	45.72	AKZ130/5-10.16-GREY-BL	50130052071E	100
6	55.88	AKZ130/6-10.16-GREY-BL	50130062071E	100

Ratings

Usegroup	cULus			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	630 V	
Rated Current	8 A	8 A	8 A	7 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A) 2.5 mm ² (7 A)
	stranded	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ² (5 A) 2.5 mm ² (7 A)
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.40 Nm	
Screw Size	M2.6	M2.6	M2.6	M2.6	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	6.0 kV	
Pollution Degree				3	

AK1550/..-3.5-GREEN AKZ1550/..-3.81-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Bronze		
Contact Spring	Bronze		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	BLUE, RAL 5015		LIGHT GREEN, similar RAL 6018

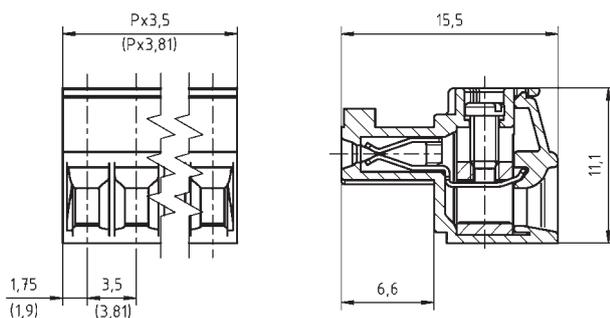
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip	
STL1550	

Counterparts (Spacing 3.81 mm)

Pin Strip		
STLZ1550	STLZ1570	STLZ1590



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK1550/2-3.5-GREEN	51550020001F	200
3	10.50	AK1550/3-3.5-GREEN	51550030001F	200
4	14.00	AK1550/4-3.5-GREEN	51550040001F	200
5	17.50	AK1550/5-3.5-GREEN	51550050001F	200
6	21.00	AK1550/6-3.5-GREEN	51550060001E	100
7	24.50	AK1550/7-3.5-GREEN	51550070001E	100
8	28.00	AK1550/8-3.5-GREEN	51550080001D	50
9	31.50	AK1550/9-3.5-GREEN	51550090001D	50
...
20	70.00	AK1550/20-3.5-GREEN	51550200001D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.62	AKZ1550/2-3.81-GREEN	51550020025F	200
3	11.43	AKZ1550/3-3.81-GREEN	51550030025F	200
4	15.24	AKZ1550/4-3.81-GREEN	51550040025F	200
5	19.05	AKZ1550/5-3.81-GREEN	51550050025F	200
6	22.86	AKZ1550/6-3.81-GREEN	51550060025E	100
7	26.67	AKZ1550/7-3.81-GREEN	51550070025E	100
8	30.48	AKZ1550/8-3.81-GREEN	51550080025D	50
9	34.29	AKZ1550/9-3.81-GREEN	51550090025D	50
...
20	76.20	AKZ1550/20-3.81-GREEN	51550200025D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Series AK(Z)1550 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RL US		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	8 A	-	8 A	8 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 28-16	-	AWG 28-16
	stranded	AWG 28-16	-	AWG 28-16
Torque	0.25 Nm		0.25 Nm	
Screw Size	M2		M2	
Test Voltage	1.6 kV		1.6 kV	
Pollution Degree	3			



AK1550/..F-3.5-GREEN AKZ1550/..F-3.81-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Bronze		
Screw, Flange	Steel		
Contact Spring	Bronze		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	LIGHT GREEN, similar RAL 6018		

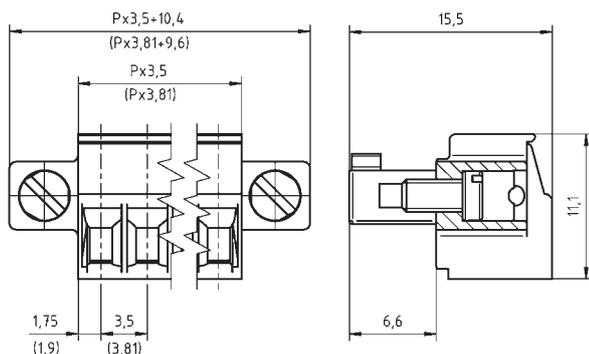
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip	
STL1550	

Counterparts (Spacing 3.81 mm)

Pin Strip	
STLZ1550 STLZ1570	



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.40	AK1550/2F-3.5-GREEN	51550022001F	200
3	20.90	AK1550/3F-3.5-GREEN	51550032001F	200
4	24.40	AK1550/4F-3.5-GREEN	51550042001F	200
5	27.90	AK1550/5F-3.5-GREEN	51550052001F	200
6	31.40	AK1550/6F-3.5-GREEN	51550062001E	100
7	34.90	AK1550/7F-3.5-GREEN	51550072001D	50
8	38.40	AK1550/8F-3.5-GREEN	51550082001D	50
9	41.90	AK1550/9F-3.5-GREEN	51550092001D	50
...
20	80.40	AK1550/20F-3.5-GREEN	51550202001D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.22	AKZ1550/2F-3.81-GREEN	51550022025F	200
3	21.03	AKZ1550/3F-3.81-GREEN	51550032025F	200
4	24.84	AKZ1550/4F-3.81-GREEN	51550042025F	200
5	28.65	AKZ1550/5F-3.81-GREEN	51550052025F	200
6	32.46	AKZ1550/6F-3.81-GREEN	51550062025E	100
7	36.27	AKZ1550/7F-3.81-GREEN	51550072025D	50
8	40.08	AKZ1550/8F-3.81-GREEN	51550082025D	50
9	43.89	AKZ1550/9F-3.81-GREEN	51550092025D	50
...
20	85.80	AKZ1550/20F-3.81-GREEN	51550202025D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Series AK(Z)1550 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RALUS		VDE			
	B	C	D			
Rated Voltage	300 V	-	300 V	160 V		
Rated Current	8 A	-	8 A	8 A		
Overvoltage Category				III		
Rated Wire Size			min	max		
	solid	AWG 28-16	-	AWG 28-16	0.5 mm ² (6 A)	1.5 mm ² (9 A)
	stranded	AWG 28-16	-	AWG 28-16	0.5 mm ² (6 A)	1.5 mm ² (9 A)
Torque	0.25 Nm		0.25 Nm		0.25 Nm	
Screw Size	M2		M2		M2	
Test Voltage	1.6 kV		1.6 kV		2.5 kV	
Pollution Degree					3	

AK1700/..-3.5-GREEN AKZ1700/..-3.81-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	-
		Peak Soldering Time, recommended	-
Dimensions		Reflow Process	
Stripped Length	7.0 mm	Soldering Temperature, recommended	-
PCB Hole Diameter	-	Peak Soldering Time, recommended	-
Materials			
Clamp	Brass		
Screw	Bronze		
Contact Spring	Bronze		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	LIGHT GREEN, similar RAL 6018		

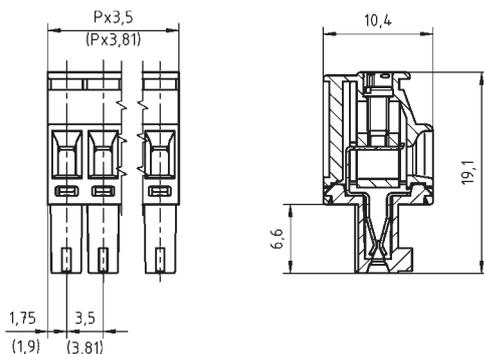
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip	
STL1550	

Counterparts (Spacing 3.81 mm)

Pin Strip			
STLZ1550	STLZ1570	STLZ1590	



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK1700/2-3.5-GREEN	51700020001F	200
3	10.50	AK1700/3-3.5-GREEN	51700030001F	200
4	14.00	AK1700/4-3.5-GREEN	51700040001F	200
5	17.50	AK1700/5-3.5-GREEN	51700050001F	200
6	21.00	AK1700/6-3.5-GREEN	51700060001E	100
7	24.50	AK1700/7-3.5-GREEN	51700070001E	100
8	28.00	AK1700/8-3.5-GREEN	51700080001D	50
9	31.50	AK1700/9-3.5-GREEN	51700090001D	50
...
20	70.00	AK1700/20-3.5-GREEN	51700200001D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.62	AKZ1700/2-3.81-GREEN	51700020021F	200
3	11.43	AKZ1700/3-3.81-GREEN	51700030021F	200
4	15.24	AKZ1700/4-3.81-GREEN	51700040021F	200
5	19.05	AKZ1700/5-3.81-GREEN	51700050021F	200
6	22.86	AKZ1700/6-3.81-GREEN	51700060021E	100
7	26.67	AKZ1700/7-3.81-GREEN	51700070021E	100
8	30.48	AKZ1700/8-3.81-GREEN	51700080021D	50
9	34.29	AKZ1700/9-3.81-GREEN	51700090021D	50
...
20	76.20	AKZ1700/20-3.81-GREEN	51700200021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Series AK(Z)1700 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	8 A	-	8 A	8 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 28-16	-	AWG 28-16
	stranded	AWG 28-16	-	AWG 28-16
Torque	0.25 Nm		0.25 Nm	
Screw Size	M2		M2	
Test Voltage	1.6 kV		1.6 kV	
Pollution Degree	3			



AK1700/..F-3.5-GREEN AKZ1700/..F-3.81-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	0.14 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Bronze		
Screw, Flange	Steel		
Contact Spring	Bronze		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	LIGHT GREEN, similar RAL 6018		

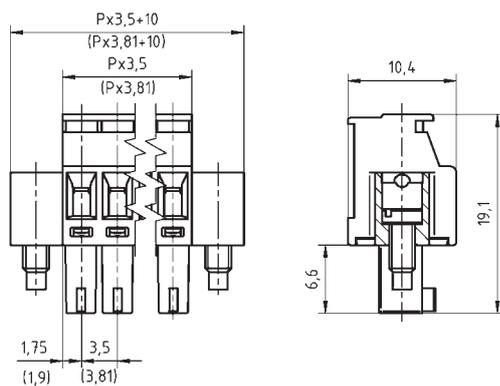
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip
STL1550

Counterparts (Spacing 3.81 mm)

Pin Strip
STLZ1550 STLZ1570



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.00	AK1700/2F-3.5-GREEN	51700022001F	200
3	20.50	AK1700/3F-3.5-GREEN	51700032001F	200
4	24.00	AK1700/4F-3.5-GREEN	51700042001F	200
5	27.50	AK1700/5F-3.5-GREEN	51700052001E	100
6	31.00	AK1700/6F-3.5-GREEN	51700062001E	100
7	34.50	AK1700/7F-3.5-GREEN	51700072001D	50
8	38.00	AK1700/8F-3.5-GREEN	51700082001D	50
9	41.50	AK1700/9F-3.5-GREEN	51700092001D	50
...
20	80.00	AK1700/20F-3.5-GREEN	51700202001D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.62	AKZ1700/2F-3.81-GREEN	51700022021F	200
3	21.43	AKZ1700/3F-3.81-GREEN	51700032021F	200
4	25.24	AKZ1700/4F-3.81-GREEN	51700042021F	200
5	29.05	AKZ1700/5F-3.81-GREEN	51700052021E	100
6	32.86	AKZ1700/6F-3.81-GREEN	51700062021E	100
7	36.67	AKZ1700/7F-3.81-GREEN	51700072021D	50
8	40.48	AKZ1700/8F-3.81-GREEN	51700082021D	50
9	44.29	AKZ1700/9F-3.81-GREEN	51700092021D	50
...
20	86.20	AKZ1700/20F-3.81-GREEN	51700202021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Series AK(Z)1700 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RALUS		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	8 A	-	8 A	8 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 28-16	-	AWG 28-16
	stranded	AWG 28-16	-	AWG 28-16
Torque	0.25 Nm		0.25 Nm	
Screw Size	M2		M2	
Test Voltage	1.6 kV		1.6 kV	
Pollution Degree	3			

AK1710/..-3.5-GREEN

AKZ1710/..-3.81-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Bronze		
Contact Spring	Bronze		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	LIGHT GREEN, similar RAL 6018		

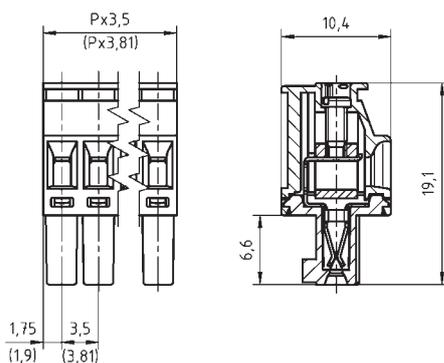
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip
STL1550

Counterparts (Spacing 3.81 mm)

Pin Strip
STLZ1550 STLZ1570 STLZ1590



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK1710/2-3.5-GREEN	51710020001F	200
3	10.50	AK1710/3-3.5-GREEN	51710030001F	200
4	14.00	AK1710/4-3.5-GREEN	51710040001F	200
5	17.50	AK1710/5-3.5-GREEN	51710050001F	200
6	21.00	AK1710/6-3.5-GREEN	51710060001E	100
7	24.50	AK1710/7-3.5-GREEN	51710070001E	100
8	28.00	AK1710/8-3.5-GREEN	51710080001D	50
9	31.50	AK1710/9-3.5-GREEN	51710090001D	50
...
20	70.00	AK1710/20-3.5-GREEN	51710200001D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.62	AKZ1710/2-3.81-GREEN	51710020021F	200
3	11.43	AKZ1710/3-3.81-GREEN	51710030021F	200
4	15.24	AKZ1710/4-3.81-GREEN	51710040021F	200
5	19.05	AKZ1710/5-3.81-GREEN	51710050021F	200
6	22.86	AKZ1710/6-3.81-GREEN	51710060021E	100
7	26.67	AKZ1710/7-3.81-GREEN	51710070021E	100
8	30.48	AKZ1710/8-3.81-GREEN	51710080021D	50
9	34.29	AKZ1710/9-3.81-GREEN	51710090021D	50
...
20	76.20	AKZ1710/20-3.81-GREEN	51710200021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Series AK(Z)1710 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c				
	B	C	D		
Rated Voltage	300 V	-	300 V	160 V	
Rated Current	8 A	-	8 A	8 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 28-16	-	AWG 28-16	0.5 mm ² (6 A) 1.5 mm ² (8 A)
	stranded	AWG 28-16	-	AWG 28-16	0.5 mm ² (6 A) 1.5 mm ² (8 A)
Torque	0.25 Nm		0.25 Nm		0.25 Nm
Screw Size	M2		M2		M2
Test Voltage	1.6 kV		1.6 kV		2.5 kV
Pollution Degree					3



AK1710/..F-3.5-GREEN AKZ1710/..F-3.81-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Bronze		
Screw, Flange	Steel		
Contact Spring	Bronze		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

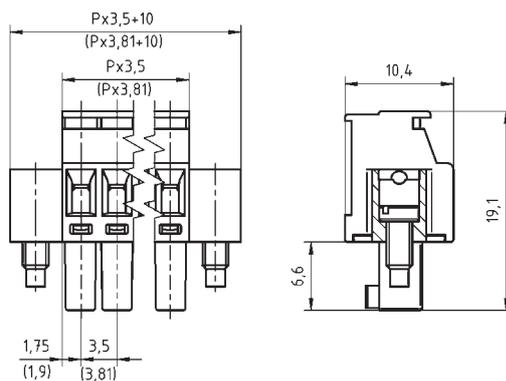
Pin Strip

STL1550

Counterparts (Spacing 3.81 mm)

Pin Strip

STLZ1550 STLZ1570



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.00	AK1710/2F-3.5-GREEN	51710022001F	200
3	20.50	AK1710/3F-3.5-GREEN	51710032001F	200
4	24.00	AK1710/4F-3.5-GREEN	51710042001F	200
5	27.50	AK1710/5F-3.5-GREEN	51710052001E	100
6	31.00	AK1710/6F-3.5-GREEN	51710062001E	100
7	34.50	AK1710/7F-3.5-GREEN	51710072001D	50
8	38.00	AK1710/8F-3.5-GREEN	51710082001D	50
9	41.50	AK1710/9F-3.5-GREEN	51710092001D	50
...
20	80.00	AK1710/20F-3.5-GREEN	51710202001D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.62	AKZ1710/2F-3.81-GREEN	51710022021F	200
3	21.43	AKZ1710/3F-3.81-GREEN	51710032021F	200
4	25.24	AKZ1710/4F-3.81-GREEN	51710042021F	200
5	29.05	AKZ1710/5F-3.81-GREEN	51710052021E	100
6	32.86	AKZ1710/6F-3.81-GREEN	51710062021E	100
7	36.67	AKZ1710/7F-3.81-GREEN	51710072021D	50
8	40.48	AKZ1710/8F-3.81-GREEN	51710082021D	50
9	44.29	AKZ1710/9F-3.81-GREEN	51710092021D	50
...
20	86.20	AKZ1710/20F-3.81-GREEN	51710202021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	50000000016
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	50000000029
	Bridge, 2-pole, insulated, BR/2-7.0/7.62-L7.5-LIGHT GREY	50000000018
	Series AK(Z)1710 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	8 A	-	8 A	8 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 28-16	-	AWG 28-16
	stranded	AWG 28-16	-	AWG 28-16
			0.5 mm ² (6 A)	1.5 mm ² (8 A)
Torque	0.25 Nm		0.25 Nm	
Screw Size	M2		M2	
Test Voltage	1.6 kV		1.6 kV	
Pollution Degree			3	

AK950/..-5.0-GREEN AKZ950/..-5.08-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Bronze		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	PEBBLE GREY, RAL 7032		LIGHT GREEN, similar RAL 6018

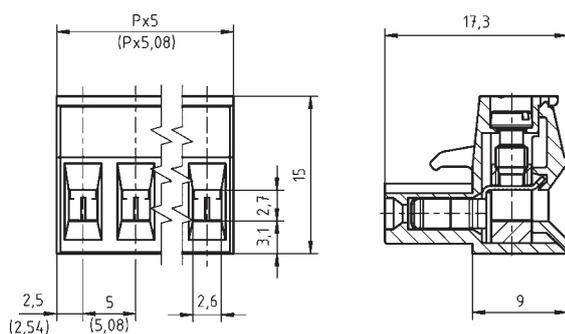
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip		
STL950	STL955	STL975

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block				
STLZ950	STLZ970	STLZ990	AKZ950	AKZ5950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK950/2-5.0-GREEN	50950020001F	200
3	15.00	AK950/3-5.0-GREEN	50950030001F	200
4	20.00	AK950/4-5.0-GREEN	50950040001F	200
5	25.00	AK950/5-5.0-GREEN	50950050001E	100
6	30.00	AK950/6-5.0-GREEN	50950060001E	100
7	35.00	AK950/7-5.0-GREEN	50950070001E	100
8	40.00	AK950/8-5.0-GREEN	50950080001D	50
9	45.00	AK950/9-5.0-GREEN	50950090001D	50
...
24	120.00	AK950/24-5.0-GREEN	50950240001D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ950/2-5.08-GREEN	50950020021F	200
3	15.24	AKZ950/3-5.08-GREEN	50950030021F	200
4	20.32	AKZ950/4-5.08-GREEN	50950040021F	200
5	25.40	AKZ950/5-5.08-GREEN	50950050021E	100
6	30.48	AKZ950/6-5.08-GREEN	50950060021E	100
7	35.56	AKZ950/7-5.08-GREEN	50950070021E	100
8	40.64	AKZ950/8-5.08-GREEN	50950080021D	50
9	45.72	AKZ950/9-5.08-GREEN	50950090021D	50
...
24	121.92	AKZ950/24-5.08-GREEN	50950240021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	500000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	500000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	500000000008
	Coding Star CS1-5.0/5.08-RED	500000000021
	Series AK(Z)950 with separating element	on request
	Series AK(Z)950 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	12 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree				3	



AK950/..-5.0-GREEN-HC AKZ950/..-5.08-GREEN-HC

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	PEBBLE GREY, RAL 7032		LIGHT GREEN, similar RAL 6018

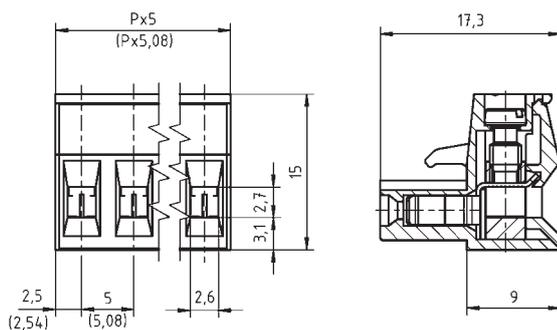
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip
STL950

Counterparts (Spacing 5.08 mm)

Pin Strip
STLZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK950/2-5.0-GREEN-HC	50950020009F	200
3	15.00	AK950/3-5.0-GREEN-HC	50950030009F	200
4	20.00	AK950/4-5.0-GREEN-HC	50950040009F	200
5	25.00	AK950/5-5.0-GREEN-HC	50950050009E	100
6	30.00	AK950/6-5.0-GREEN-HC	50950060009E	100
7	35.00	AK950/7-5.0-GREEN-HC	50950070009E	100
8	40.00	AK950/8-5.0-GREEN-HC	50950080009D	50
9	45.00	AK950/9-5.0-GREEN-HC	50950090009D	50
...
12	60.00	AK950/12-5.0-GREEN-HC	50950120009D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ950/2-5.08-GREEN-HC	50950020029F	200
3	15.24	AKZ950/3-5.08-GREEN-HC	50950030029F	200
4	20.32	AKZ950/4-5.08-GREEN-HC	50950040029F	200
5	25.40	AKZ950/5-5.08-GREEN-HC	50950050029E	100
6	30.48	AKZ950/6-5.08-GREEN-HC	50950060029E	100
7	35.56	AKZ950/7-5.08-GREEN-HC	50950070029E	100
8	40.64	AKZ950/8-5.08-GREEN-HC	50950080029D	50
9	45.72	AKZ950/9-5.08-GREEN-HC	50950090029D	50
...
12	60.96	AKZ950/12-5.08-GREEN-HC	50950120029D	50

Accessories

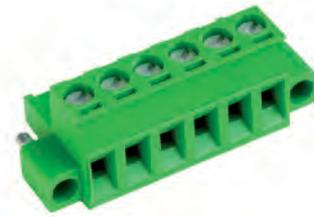
Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS1-5.0/5.08-RED	50000000021
	Series AK(Z)950 with separating element	on request
	Series AK(Z)950 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE	
	B	C	D		
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	16 A	16 A	10 A	16 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A) / 2.5 mm ² (16 A)
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A) / 2.5 mm ² (16 A)
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree				3	

AK950/..F-5.0-GREEN AKZ950/..F-5.08-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Screw, Flange	Steel		
Contact Spring	Bronze		

Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

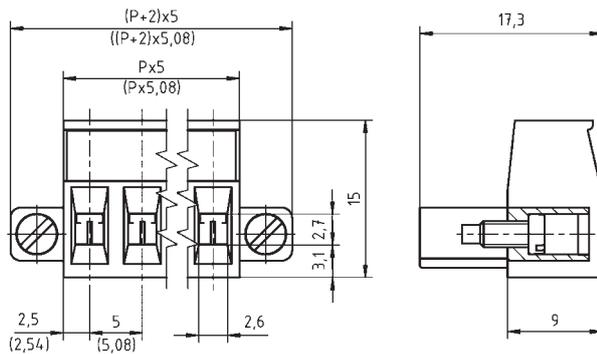
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip
STL950

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block
STLZ950 STLZ970 AKZS950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	AK950/2F-5.0-GREEN	50950022001F	200
3	25.00	AK950/3F-5.0-GREEN	50950032001F	200
4	30.00	AK950/4F-5.0-GREEN	50950042001F	200
5	35.00	AK950/5F-5.0-GREEN	50950052001E	100
6	40.00	AK950/6F-5.0-GREEN	50950062001E	100
7	45.00	AK950/7F-5.0-GREEN	50950072001E	100
8	50.00	AK950/8F-5.0-GREEN	50950082001D	50
9	55.00	AK950/9F-5.0-GREEN	50950092001D	50
...
24	130.00	AK950/24F-5.0-GREEN	50950242001D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	AKZ950/2F-5.08-GREEN	50950022021F	200
3	25.40	AKZ950/3F-5.08-GREEN	50950032021F	200
4	30.48	AKZ950/4F-5.08-GREEN	50950042021F	200
5	35.56	AKZ950/5F-5.08-GREEN	50950052021E	100
6	40.64	AKZ950/6F-5.08-GREEN	50950062021E	100
7	45.72	AKZ950/7F-5.08-GREEN	50950072021E	100
8	50.80	AKZ950/8F-5.08-GREEN	50950082021D	50
9	55.88	AKZ950/9F-5.08-GREEN	50950092021D	50
...
24	132.08	AKZ950/24F-5.08-GREEN	50950242021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS1-5.0/5.08-RED	50000000021
	Series AK(Z)950 with separating element	on request
	Series AK(Z)950 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	12 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
	stranded	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree				3	



AK950/..F-5.0-GREEN-HC AKZ950/..F-5.08-GREEN-HC

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Temperatures			
Stranded (flexible) min	0.2 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded (flexible) max	2.5 mm ²	Wave Soldering Process	
Stranded with Ferrule min	0.25 mm ²	Soldering Temperature, recommended	-
Stranded with Ferrule max	2.5 mm ²	Peak Soldering Time, recommended	-
Dimensions			
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials			
Clamp	Brass	Peak Soldering Time, recommended	-
Screw	Steel		
Screw, Flange	Steel		
Contact Spring	Copper Alloy		

Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

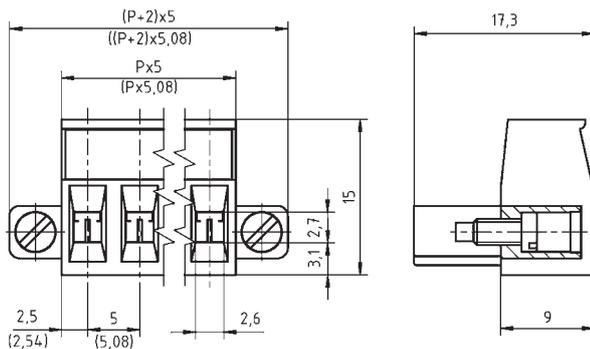
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip
STL950

Counterparts (Spacing 5.08 mm)

Pin Strip
STLZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	AK950/2F-5.0-GREEN-HC	50950022009F	200
3	25.00	AK950/3F-5.0-GREEN-HC	50950032009F	200
4	30.00	AK950/4F-5.0-GREEN-HC	50950042009F	200
5	35.00	AK950/5F-5.0-GREEN-HC	50950052009E	100
6	40.00	AK950/6F-5.0-GREEN-HC	50950062009E	100
7	45.00	AK950/7F-5.0-GREEN-HC	50950072009E	100
8	50.00	AK950/8F-5.0-GREEN-HC	50950082009D	50
9	55.00	AK950/9F-5.0-GREEN-HC	50950092009D	50
...
12	70.00	AK950/12F-5.0-GREEN-HC	50950122009D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	AKZ950/2F-5.08-GREEN-HC	50950022029F	200
3	25.40	AKZ950/3F-5.08-GREEN-HC	50950032029F	200
4	30.48	AKZ950/4F-5.08-GREEN-HC	50950042029F	200
5	35.56	AKZ950/5F-5.08-GREEN-HC	50950052029E	100
6	40.64	AKZ950/6F-5.08-GREEN-HC	50950062029E	100
7	45.72	AKZ950/7F-5.08-GREEN-HC	50950072029E	100
8	50.80	AKZ950/8F-5.08-GREEN-HC	50950082029D	50
9	55.88	AKZ950/9F-5.08-GREEN-HC	50950092029D	50
...
12	71.12	AKZ950/12F-5.08-GREEN-HC	50950122029D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS1-5.0/5.08-RED	50000000021
	Series AK(Z)950 with separating element	on request
	Series AK(Z)950 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	16 A	16 A	10 A	16 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A) 2.5 mm ² (16 A)
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A) 2.5 mm ² (16 A)
Torque	0.50 Nm		0.50 Nm	0.50 Nm	
Screw Size	M3		M3	M3	
Test Voltage	1.6 kV		1.3 kV	1.6 kV 4.0 kV	
Pollution Degree				3	

AK955/..-5.0-GREEN AKZ955/..-5.08-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	4.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Bronze		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	LIGHT GREY, RAL 7035		LIGHT GREEN, similar RAL 6018

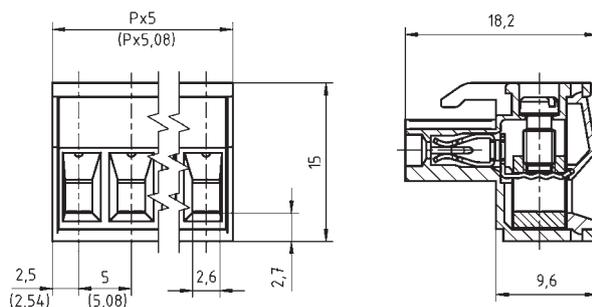
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip			
STL955	STL950	STL975	

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block				
STLZ950	STLZ970	STLZ990	AKZ950-INV	



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK955/2-5.0-GREEN	50955020001F	200
3	15.00	AK955/3-5.0-GREEN	50955030001F	200
4	20.00	AK955/4-5.0-GREEN	50955040001F	200
5	25.00	AK955/5-5.0-GREEN	50955050001E	100
6	30.00	AK955/6-5.0-GREEN	50955060001E	100
7	35.00	AK955/7-5.0-GREEN	50955070001E	100
8	40.00	AK955/8-5.0-GREEN	50955080001D	50
9	45.00	AK955/9-5.0-GREEN	50955090001D	50
...
24	120.00	AK955/24-5.0-GREEN	50955240001D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ955/2-5.08-GREEN	50955020021F	200
3	15.24	AKZ955/3-5.08-GREEN	50955030021F	200
4	20.32	AKZ955/4-5.08-GREEN	50955040021F	200
5	25.40	AKZ955/5-5.08-GREEN	50955050021E	100
6	30.48	AKZ955/6-5.08-GREEN	50955060021E	100
7	35.56	AKZ955/7-5.08-GREEN	50955070021E	100
8	40.64	AKZ955/8-5.08-GREEN	50955080021D	50
9	45.72	AKZ955/9-5.08-GREEN	50955090021D	50
...
24	121.92	AKZ955/24-5.08-GREEN	50955240021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS1-5.0/5.08-RED	50000000021

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RL US		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	9 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 28-12	-	AWG 28-12
	stranded	AWG 28-12	-	AWG 28-12
Torque	0.50 Nm		0.50 Nm	
Screw Size	M3		M3	
Test Voltage	1.6 kV		1.6 kV	
Pollution Degree			3	



AKZ950/..-5.08-GREEN-INV

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	4.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Pin	Brass		

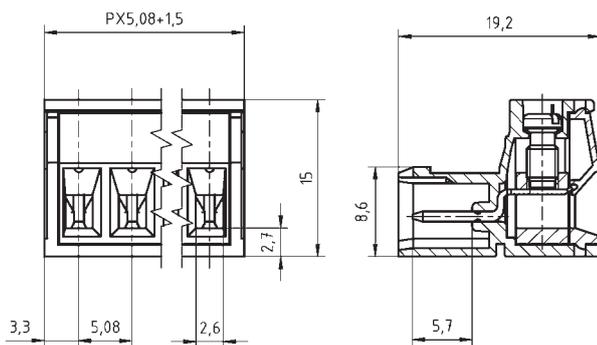
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block
STLZ950-INV AKZ950 AKZ1100 AKZ1110 AKZ1200 AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.66	AKZ950/2-5.08-GREEN-INV	50950027028F	200
3	16.74	AKZ950/3-5.08-GREEN-INV	50950037028F	200
4	21.82	AKZ950/4-5.08-GREEN-INV	50950047028F	200
5	26.90	AKZ950/5-5.08-GREEN-INV	50950057028E	100
6	31.98	AKZ950/6-5.08-GREEN-INV	50950067028E	100
7	37.06	AKZ950/7-5.08-GREEN-INV	50950077028E	100
8	42.14	AKZ950/8-5.08-GREEN-INV	50950087028D	50
9	47.22	AKZ950/9-5.08-GREEN-INV	50950097028D	50
10	52.30	AKZ950/10-5.08-GREEN-INV	50950107028D	50
11	57.38	AKZ950/11-5.08-GREEN-INV	50950117028D	50
12	62.46	AKZ950/12-5.08-GREEN-INV	50950127028D	50
13	67.54	AKZ950/13-5.08-GREEN-INV	50950137028D	50
14	72.62	AKZ950/14-5.08-GREEN-INV	50950147028D	50
15	77.70	AKZ950/15-5.08-GREEN-INV	50950157028D	50
16	82.78	AKZ950/16-5.08-GREEN-INV	50950167028D	50
17	87.86	AKZ950/17-5.08-GREEN-INV	50950177028D	50
18	92.94	AKZ950/18-5.08-GREEN-INV	50950187028D	50
19	98.02	AKZ950/19-5.08-GREEN-INV	50950197028D	50
20	103.10	AKZ950/20-5.08-GREEN-INV	50950207028D	50
21	108.18	AKZ950/21-5.08-GREEN-INV	50950217028D	50
22	113.26	AKZ950/22-5.08-GREEN-INV	50950227028D	50
23	118.34	AKZ950/23-5.08-GREEN-INV	50950237028D	50
24	123.42	AKZ950/24-5.08-GREEN-INV	50950247028D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007
	Coding Star CS3-5.0/5.08-RED	50000000025

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 28-12	-	AWG 28-12
	stranded	AWG 28-12	-	AWG 28-12
Torque	0.50 Nm		0.50 Nm	
Screw Size	M3		M3	
Test Voltage	1.6 kV		1.6 kV	
Pollution Degree	3			

AK1100/..-5.0-GREEN AKZ1100/..-5.08-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Bronze		

Colours

- GREEN, RAL 6018
- LIGHT GREY, RAL 7035
- LIGHT GREEN, similar RAL 6018

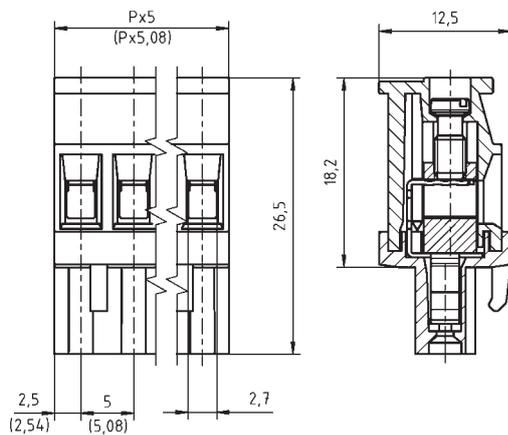
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip		
STL950	STL955	STL975

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block				
STL950	STL970	STL990	AKZ950	AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK1100/2-5.0-GREEN	51100020021F	200
3	15.00	AK1100/3-5.0-GREEN	51100030021F	200
4	20.00	AK1100/4-5.0-GREEN	51100040021E	100
5	25.00	AK1100/5-5.0-GREEN	51100050021E	100
6	30.00	AK1100/6-5.0-GREEN	51100060021E	100
7	35.00	AK1100/7-5.0-GREEN	51100070021E	100
8	40.00	AK1100/8-5.0-GREEN	51100080021D	50
9	45.00	AK1100/9-5.0-GREEN	51100090021D	50
...
20	100.00	AK1100/20-5.0-GREEN	51100200021D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ1100/2-5.08-GREEN	51100020001F	200
3	15.24	AKZ1100/3-5.08-GREEN	51100030001F	200
4	20.32	AKZ1100/4-5.08-GREEN	51100040001E	100
5	25.40	AKZ1100/5-5.08-GREEN	51100050001E	100
6	30.48	AKZ1100/6-5.08-GREEN	51100060001E	100
7	35.56	AKZ1100/7-5.08-GREEN	51100070001E	100
8	40.64	AKZ1100/8-5.08-GREEN	51100080001D	50
9	45.72	AKZ1100/9-5.08-GREEN	51100090001D	50
...
16	81.28	AKZ1100/16-5.08-GREEN	51100160001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS1-5.0/5.08-RED	50000000021
	Series AK(Z)1100 with separating element	on request
	Series AK(Z)1100 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE	
	B	C	D		
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	10 A	
Overtoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm ² (6 A) / 2.5 mm ² (10 A)
	stranded	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm ² (6 A) / 2.5 mm ² (10 A)
Torque	0.50 Nm		0.50 Nm	0.50 Nm	
Screw Size	M3		M3	M3	
Test Voltage	1.6 kV		1.3 kV	1.6 kV / 4.0 kV	
Pollution Degree	3				



AKZ1100/..FS-5.08-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	4.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Bronze		

Colours

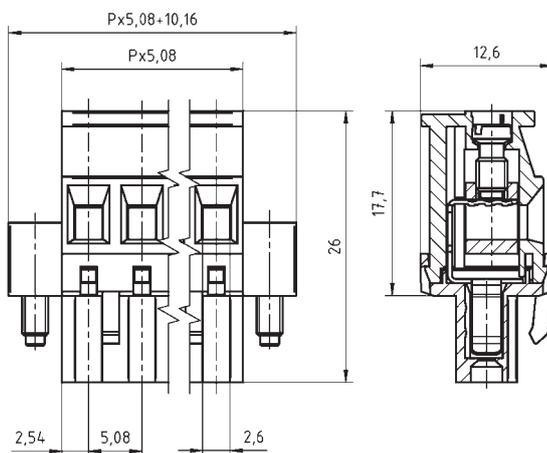
 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950 STLZ970 AKZS950



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	AKZ1100/2FS-5.08-GREEN	51100022001F	200
3	25.40	AKZ1100/3FS-5.08-GREEN	51100032001F	200
4	30.48	AKZ1100/4FS-5.08-GREEN	51100042001E	100
5	35.56	AKZ1100/5FS-5.08-GREEN	51100052001E	100
6	40.64	AKZ1100/6FS-5.08-GREEN	51100062001E	100
7	45.72	AKZ1100/7FS-5.08-GREEN	51100072001E	100
8	50.80	AKZ1100/8FS-5.08-GREEN	51100082001E	100
9	55.88	AKZ1100/9FS-5.08-GREEN	51100092001D	50
10	60.96	AKZ1100/10FS-5.08-GREEN	51100102001D	50
11	66.04	AKZ1100/11FS-5.08-GREEN	51100112001D	50
12	71.12	AKZ1100/12FS-5.08-GREEN	51100122001D	50
13	76.20	AKZ1100/13FS-5.08-GREEN	51100132001D	50
14	81.28	AKZ1100/14FS-5.08-GREEN	51100142001D	50
15	86.36	AKZ1100/15FS-5.08-GREEN	51100152001D	50
16	91.44	AKZ1100/16FS-5.08-GREEN	51100162001D	50
17	96.52	AKZ1100/17FS-5.08-GREEN	51100172001D	50
18	101.60	AKZ1100/18FS-5.08-GREEN	51100182001D	50
19	106.68	AKZ1100/19FS-5.08-GREEN	51100192001D	50
20	111.76	AKZ1100/20FS-5.08-GREEN	51100202001D	50
21	116.84	AKZ1100/21FS-5.08-GREEN	51100212001D	50
22	121.92	AKZ1100/22FS-5.08-GREEN	51100222001D	50
23	127.00	AKZ1100/23FS-5.08-GREEN	51100232001D	50
24	132.08	AKZ1100/24FS-5.08-GREEN	51100242001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007
	Coding Star CS4-5.0/5.08-RED	50000000026
	Series AK(Z)1100 with separating element	on request
	Series AK(Z)1100 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	11 A	-	10 A	10 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 28-12	-	AWG 28-12
	stranded	AWG 28-12	-	AWG 28-12
Torque	0.50 Nm		0.50 Nm	
Screw Size	M3		M3	
Test Voltage	1.6 kV		1.6 kV	
Pollution Degree	3			

AK1110/..-5.0-GREEN AKZ1110/..-5.08-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Bronze		

Colours

- GREEN, RAL 6018
- LIGHT GREY, RAL 7035
- LIGHT GREEN, similar RAL 6018

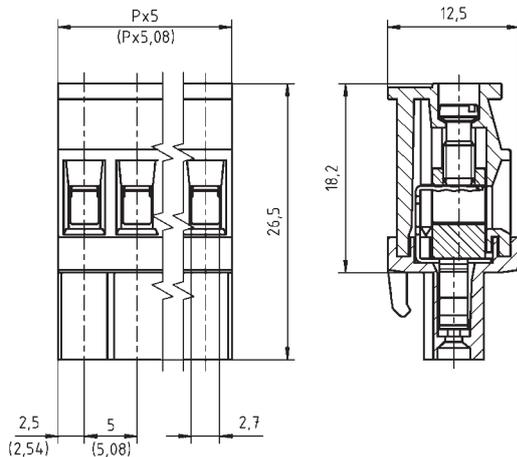
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip		
STL950	STL955	STL975

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block				
STLZ950	STLZ970	STLZ990	AKZ950	AKZS950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK1110/2-5.0-GREEN	51110020021F	200
3	15.00	AK1110/3-5.0-GREEN	51110030021F	200
4	20.00	AK1110/4-5.0-GREEN	51110040021E	100
5	25.00	AK1110/5-5.0-GREEN	51110050021E	100
6	30.00	AK1110/6-5.0-GREEN	51110060021E	100
7	35.00	AK1110/7-5.0-GREEN	51110070021E	100
8	40.00	AK1110/8-5.0-GREEN	51110080021D	50
9	45.00	AK1110/9-5.0-GREEN	51110090021D	50
...
20	100.00	AK1110/20-5.0-GREEN	51110200021D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ1110/2-5.08-GREEN	51110020001F	200
3	15.24	AKZ1110/3-5.08-GREEN	51110030001F	200
4	20.32	AKZ1110/4-5.08-GREEN	51110040001E	100
5	25.40	AKZ1110/5-5.08-GREEN	51110050001E	100
6	30.48	AKZ1110/6-5.08-GREEN	51110060001E	100
7	35.56	AKZ1110/7-5.08-GREEN	51110070001E	100
8	40.64	AKZ1110/8-5.08-GREEN	51110080001D	50
9	45.72	AKZ1110/9-5.08-GREEN	51110090001D	50
...
15	76.20	AKZ1110/15-5.08-GREEN	51110150001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS1-5.0/5.08-RED	50000000021
	Series AK(Z)1110 with separating element	on request
	Series AK(Z)1110 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	10 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 22-10	AWG 22-10	0.5 mm ² (6 A)	2.5 mm ² (10 A)
	stranded	AWG 22-10	AWG 22-10	0.5 mm ² (6 A)	2.5 mm ² (10 A)
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree					3



AKZ1110/..FS-5.08-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	4.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	0.25 mm ²	Soldering Temperature, recommended	-
Stranded with Ferrule max		Peak Soldering Time, recommended	-
Dimensions		Reflow Process	
Stripped Length	7.0 mm	Soldering Temperature, recommended	-
PCB Hole Diameter	-	Peak Soldering Time, recommended	-
Materials			
Clamp	Brass		
Screw	Steel		
Contact Spring	Bronze		

Colours

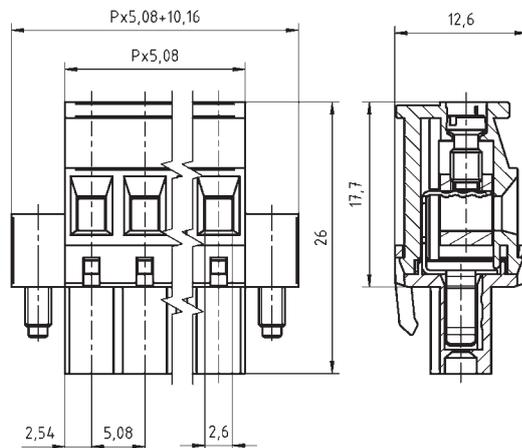
 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950 STLZ970 STLZ990 AKZ950 AKZS950



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	AKZ1110/2FS-5.08-GREEN	51110022001F	200
3	25.40	AKZ1110/3FS-5.08-GREEN	51110032001F	200
4	30.48	AKZ1110/4FS-5.08-GREEN	51110042001E	100
5	35.56	AKZ1110/5FS-5.08-GREEN	51110052001E	100
6	40.64	AKZ1110/6FS-5.08-GREEN	51110062001E	100
7	45.72	AKZ1110/7FS-5.08-GREEN	51110072001E	100
8	50.80	AKZ1110/8FS-5.08-GREEN	51110082001E	100
9	55.88	AKZ1110/9FS-5.08-GREEN	51110092001D	50
10	60.96	AKZ1110/10FS-5.08-GREEN	51110102001D	50
11	66.04	AKZ1110/11FS-5.08-GREEN	51110112001D	50
12	71.12	AKZ1110/12FS-5.08-GREEN	51110122001D	50
13	76.20	AKZ1110/13FS-5.08-GREEN	51110132001D	50
14	81.28	AKZ1110/14FS-5.08-GREEN	51110142001D	50
15	86.36	AKZ1110/15FS-5.08-GREEN	51110152001D	50
16	91.44	AKZ1110/16FS-5.08-GREEN	51110162001D	50
17	96.52	AKZ1110/17FS-5.08-GREEN	51110172001D	50
18	101.60	AKZ1110/18FS-5.08-GREEN	51110182001D	50
19	106.68	AKZ1110/19FS-5.08-GREEN	51110192001D	50
20	111.76	AKZ1110/20FS-5.08-GREEN	51110202001D	50
21	116.84	AKZ1110/21FS-5.08-GREEN	51110212001D	50
22	121.92	AKZ1110/22FS-5.08-GREEN	51110222001D	50
23	127.00	AKZ1110/23FS-5.08-GREEN	51110232001D	50
24	132.08	AKZ1110/24FS-5.08-GREEN	51110242001D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS4-5.0/5.08-RED	50000000026
	Series AK(Z)1110 with separating element	on request
	Series AK(Z)1110 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	11 A	-	10 A	10 A	
Overvoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 28-12	-	AWG 28-12	0.5 mm ² (6 A) 2.5 mm ² (10 A)
	stranded	AWG 28-12	-	AWG 28-12	0.5 mm ² (6 A) 2.5 mm ² (10 A)
Torque	0.50 Nm		-	0.50 Nm	0.50 Nm
Screw Size	M3		-	M3	M3
Test Voltage	1.6 kV		-	1.6 kV	4.0 kV
Pollution Degree	3				

AKZS950/..G-5.08-GREEN

TS 32/35, 19- to 24-poles on request



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Tag	Copper Alloy		

Colours

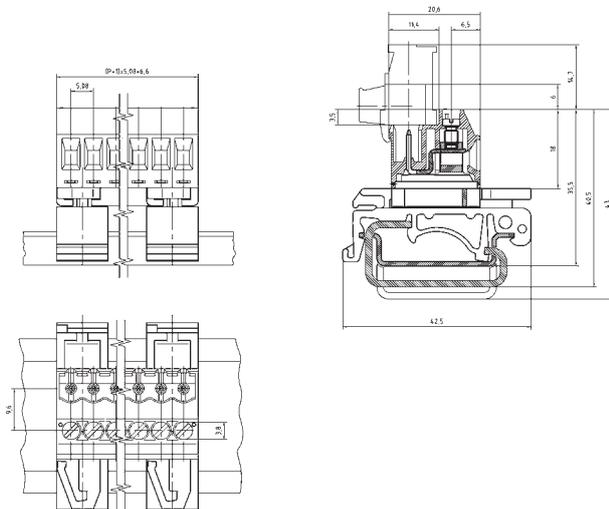
 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950-INV AKZ950 AKZ1100 AKZ1110 AKZ1200 AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.68	AKZS950/2G-5.08-GREEN	50950027021E	100
3	16.76	AKZS950/3G-5.08-GREEN	50950037021E	100
4	21.84	AKZS950/4G-5.08-GREEN	50950047021E	100
5	26.92	AKZS950/5G-5.08-GREEN	50950057021E	100
6	32.00	AKZS950/6G-5.08-GREEN	50950067021D	50
7	37.08	AKZS950/7G-5.08-GREEN	50950077021D	50
8	42.16	AKZS950/8G-5.08-GREEN	50950087021D	50
9	47.24	AKZS950/9G-5.08-GREEN	50950097021D	50
10	52.32	AKZS950/10G-5.08-GREEN	50950107021D	50
11	57.40	AKZS950/11G-5.08-GREEN	50950117021D	50
12	62.48	AKZS950/12G-5.08-GREEN	50950127021D	50
13	67.56	AKZS950/13G-5.08-GREEN	50950137021D	50
14	72.64	AKZS950/14G-5.08-GREEN	50950147021D	50
15	77.72	AKZS950/15G-5.08-GREEN	50950157021D	50
16	82.80	AKZS950/16G-5.08-GREEN	50950167021D	50
17	87.88	AKZS950/17G-5.08-GREEN	50950177021D	50
18	92.96	AKZS950/18G-5.08-GREEN	50950187021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002
	Mounting Rail Clip CLP-AKZS950-TS15/TS35	50950000005
	Mounting Rail Clip CLP-AKZS950-TS32/TS35	50950000006

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	12 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 28-12	AWG 28-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
	stranded	AWG 28-12	AWG 28-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree				3	



AKZS950/..F-5.08-GREEN

TS 32/35, 19- to 24-poles on request

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Thread Insert, Flange	Brass		
Contact Tag	Copper Alloy		

Colours

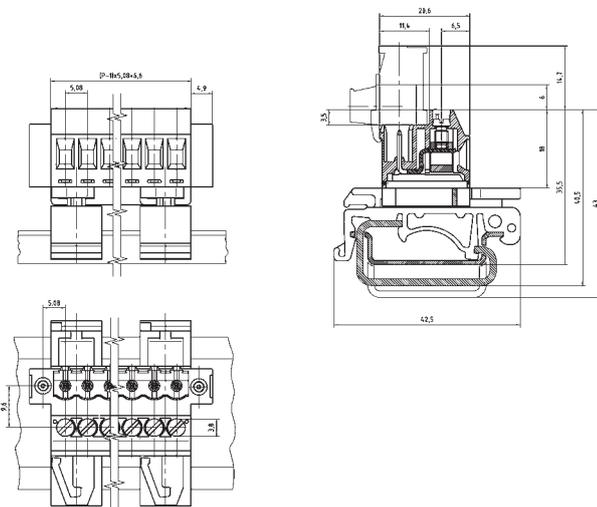
 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Terminal Block

AKZ950 AKZ1100 AKZ1110 AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	21.48	AKZS950/2F-5.08-GREEN	50950027022E	100
3	26.56	AKZS950/3F-5.08-GREEN	50950037022E	100
4	31.64	AKZS950/4F-5.08-GREEN	50950047022E	100
5	36.72	AKZS950/5F-5.08-GREEN	50950057022E	100
6	41.80	AKZS950/6F-5.08-GREEN	50950067022D	50
7	46.88	AKZS950/7F-5.08-GREEN	50950077022D	50
8	51.96	AKZS950/8F-5.08-GREEN	50950087022D	50
9	57.04	AKZS950/9F-5.08-GREEN	50950097022D	50
10	62.12	AKZS950/10F-5.08-GREEN	50950107022D	50
11	67.20	AKZS950/11F-5.08-GREEN	50950117022D	50
12	72.28	AKZS950/12F-5.08-GREEN	50950127022D	50
13	77.36	AKZS950/13F-5.08-GREEN	50950137022D	50
14	82.44	AKZS950/14F-5.08-GREEN	50950147022D	50
15	87.52	AKZS950/15F-5.08-GREEN	50950157022D	50
16	92.60	AKZS950/16F-5.08-GREEN	50950167022D	50
17	97.68	AKZS950/17F-5.08-GREEN	50950177022D	50
18	102.76	AKZS950/18F-5.08-GREEN	50950187022D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002
	Mounting Rail Clip CLP-AKZS950-TS15/TS35	50950000005
	Mounting Rail Clip CLP-AKZS950-TS32/TS35	50950000006

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup						
	B	C	D	III		
Rated Voltage	300 V	150 V	300 V	250 V		
Rated Current	15 A	15 A	10 A	12 A		
Overvoltage Category				III		
Rated Wire Size			min		max	
	solid	AWG 28-12	AWG 28-12	AWG 28-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
	stranded	AWG 28-12	AWG 28-12	AWG 28-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm		
Screw Size	M3	M3	M3	M3		
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV		
Pollution Degree					3	

AKZS950/..GMB-5.08-GREEN

13- to 24-poles on request



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Tag	Copper Alloy		

Colours

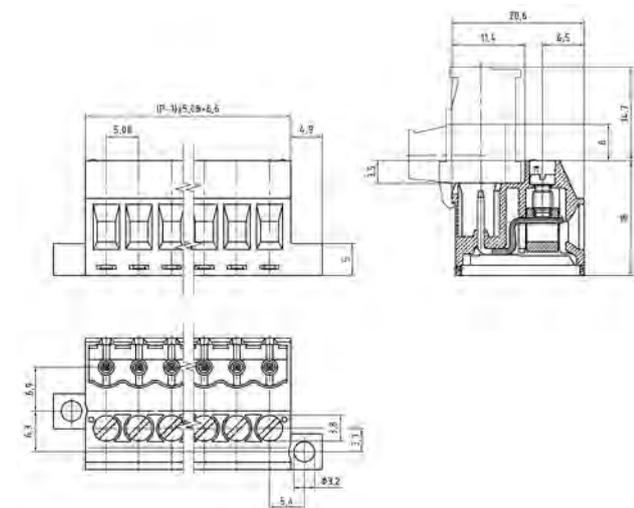
 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950-INV AKZ950 AKZ1100 AKZ1110 AKZ1200 AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	21.48	AKZS950/2GMB-5.08-GREEN	50950027041D	50
3	26.56	AKZS950/3GMB-5.08-GREEN	50950037041D	50
4	31.64	AKZS950/4GMB-5.08-GREEN	50950047041D	50
5	36.72	AKZS950/5GMB-5.08-GREEN	50950057041D	50
6	41.80	AKZS950/6GMB-5.08-GREEN	50950067041D	50
7	46.88	AKZS950/7GMB-5.08-GREEN	50950077041D	50
8	51.96	AKZS950/8GMB-5.08-GREEN	50950087041D	50
9	57.04	AKZS950/9GMB-5.08-GREEN	50950097041D	50
10	62.12	AKZS950/10GMB-5.08-GREEN	50950107041D	50
11	67.20	AKZS950/11GMB-5.08-GREEN	50950117041D	50
12	72.28	AKZS950/12GMB-5.08-GREEN	50950127041D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Separating Element SE-STL950-GREEN	50950000002
	Coding Star CS2-5.0/5.08-RED	50000000024

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	12 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 28-12	AWG 28-12	AWG 28-12	0.5 mm ² (5 A) 2.5 mm ² (12 A)
	stranded	AWG 28-12	AWG 28-12	AWG 28-12	0.5 mm ² (5 A) 2.5 mm ² (12 A)
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree				3	

AKZ960/..-7.62-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	0.2 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Bronze		

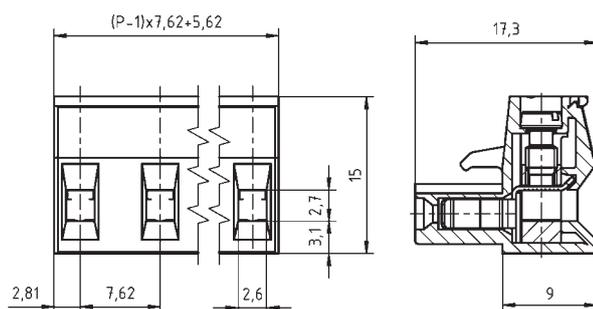
Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 7.62 mm)

Pin Strip
STLZ960



Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.24	AKZ960/2-7.62-GREEN	50960020021E	100
3	20.86	AKZ960/3-7.62-GREEN	50960030021E	100
4	28.48	AKZ960/4-7.62-GREEN	50960040021E	100
5	36.10	AKZ960/5-7.62-GREEN	50960050021E	100
6	43.72	AKZ960/6-7.62-GREEN	50960060021D	50
7	51.34	AKZ960/7-7.62-GREEN	50960070021D	50
8	58.96	AKZ960/8-7.62-GREEN	50960080021D	50
9	66.58	AKZ960/9-7.62-GREEN	50960090021D	50
10	74.20	AKZ960/10-7.62-GREEN	50960100021D	50
11	81.82	AKZ960/11-7.62-GREEN	50960110021D	50
12	89.44	AKZ960/12-7.62-GREEN	50960120021D	50
13	97.06	AKZ960/13-7.62-GREEN	50960130021D	50
14	104.68	AKZ960/14-7.62-GREEN	50960140021D	50
15	112.30	AKZ960/15-7.62-GREEN	50960150021D	50
16	119.92	AKZ960/16-7.62-GREEN	50960160021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017
	Coding Star CS1-5.0/5.08-RED	50000000021
	Series AK(Z)960 with separating element	on request
	Series AKZ960 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE		
	B	C	D	III		
Rated Voltage	300 V	150 V	300 V	400 V		
Rated Current	15 A	15 A	10 A	12 A		
Overvoltage Category				III		
Rated Wire Size			min		max	
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
Torque	0.50 Nm		0.50 Nm	0.50 Nm		
Screw Size	M3		M3	M3		
Test Voltage	1.6 kV		1.3 kV	1.6 kV		
Pollution Degree				3		

AKZ965/..F-7.62-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	4.0 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Bronze		

Colours

GREEN, RAL 6018
 LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 7.62 mm)

Pin Strip
STLZ965

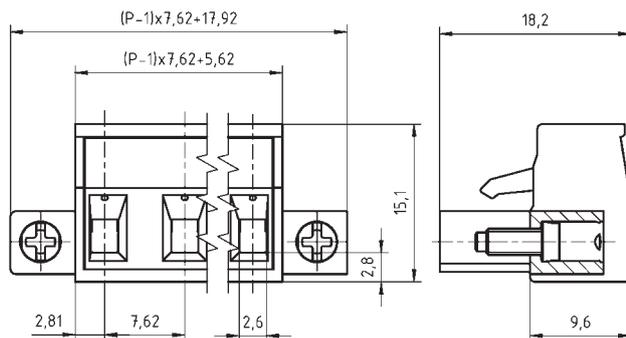
Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	25.54	AKZ965/2F-7.62-GREEN	50965022021E	100
3	33.16	AKZ965/3F-7.62-GREEN	50965032021E	100
4	40.78	AKZ965/4F-7.62-GREEN	50965042021D	50
5	48.40	AKZ965/5F-7.62-GREEN	50965052021D	50
6	56.02	AKZ965/6F-7.62-GREEN	50965062021D	50
7	63.64	AKZ965/7F-7.62-GREEN	50965072021D	50
8	71.26	AKZ965/8F-7.62-GREEN	50965082021D	50
9	78.88	AKZ965/9F-7.62-GREEN	50965092021D	50
10	86.50	AKZ965/10F-7.62-GREEN	50965102021D	50
11	94.12	AKZ965/11F-7.62-GREEN	50965112021D	50
12	101.74	AKZ965/12F-7.62-GREEN	50965122021D	50
13	109.36	AKZ965/13F-7.62-GREEN	50965132021D	50
14	116.98	AKZ965/14F-7.62-GREEN	50965142021D	50
15	124.60	AKZ965/15F-7.62-GREEN	50965152021D	50
16	132.22	AKZ965/16F-7.62-GREEN	50965162021D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017
	Coding Star CS4-5.0/5.08-RED	50000000026
	Series AKZ965 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	400 V	
Rated Current	10 A	-	10 A	12 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 28-12	-	AWG 28-12	0.2 mm ² (4 A) 2.5 mm ² (12 A)
	stranded	AWG 28-12	-	AWG 28-12	0.2 mm ² (4 A) 2.5 mm ² (12 A)
Torque	0.50 Nm		-	0.50 Nm	
Screw Size	M3		-	M3	
Test Voltage	1.6 kV		-	1.6 kV 6.0 kV	
Pollution Degree	3				



Excenter | Spacing 5.0 mm / 5.08 mm

AK1200/..-5.0-GREEN AKZ1200/..-5.08-GREEN

17- to 24-poles on request

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Screw	Steel		
Contact Spring	Bronze		
Clamp Cage	Steel		
Excenter	Steel		

Colours

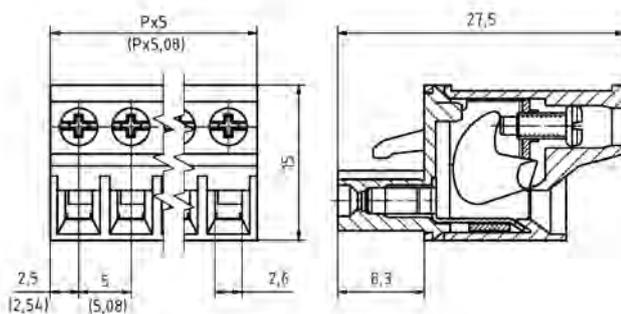
 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip		
STL950	STL955	STL975

Counterparts (Spacing 5.8 mm)

Pin Strip / Terminal Block				
STLZ950	STLZ970	STLZ990	AKZ950-INV	AKZS950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK1200/2-5.0-GREEN	51200020001D	50
3	15.00	AK1200/3-5.0-GREEN	51200030001D	50
4	20.00	AK1200/4-5.0-GREEN	51200040001D	50
5	25.00	AK1200/5-5.0-GREEN	51200050001D	50
6	30.00	AK1200/6-5.0-GREEN	51200060001D	50
7	35.00	AK1200/7-5.0-GREEN	51200070001D	50
8	40.00	AK1200/8-5.0-GREEN	51200080001D	50
9	45.00	AK1200/9-5.0-GREEN	51200090001D	50
...
16	80.00	AK1200/16-5.0-GREEN	51200160001D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ1200/2-5.08-GREEN	51200020021D	50
3	15.24	AKZ1200/3-5.08-GREEN	51200030021D	50
4	20.32	AKZ1200/4-5.08-GREEN	51200040021D	50
5	25.40	AKZ1200/5-5.08-GREEN	51200050021D	50
6	30.48	AKZ1200/6-5.08-GREEN	51200060021D	50
7	35.56	AKZ1200/7-5.08-GREEN	51200070021D	50
8	40.64	AKZ1200/8-5.08-GREEN	51200080021D	50
9	45.72	AKZ1200/9-5.08-GREEN	51200090021D	50
...
16	81.28	AKZ1200/16-5.08-GREEN	51200160021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS4-5.0/5.08-RED	50000000026
	Series AKZ1200 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	12 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.2 mm ² (4 A) 2.5 mm ² (12 A)
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.2 mm ² (4 A) 2.5 mm ² (12 A)
Torque	0.50 Nm		0.50 Nm	0.50 Nm	
Screw Size	M2.5		M2.5	M2.5	
Test Voltage	1.6 kV		1.3 kV	1.6 kV 4.0 kV	
Pollution Degree				3	

AK1200/..F-5.0-GREEN AKZ1200/..F-5.08-GREEN

17- to 24-poles on request



NEW

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	10.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Screw	Steel		
Contact Spring	Bronze		
Clamp Cage	Steel		
Excenter	Steel		

Colours

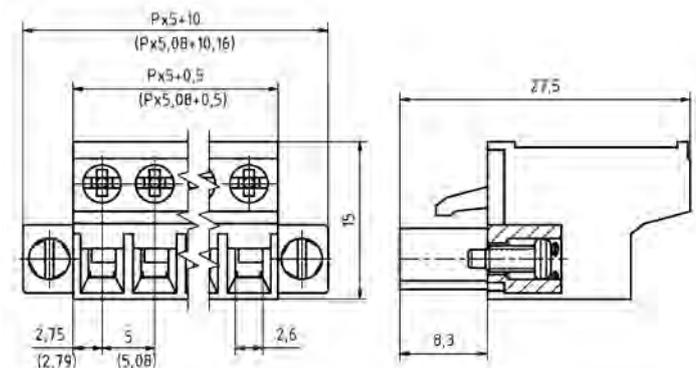
GREEN, RAL 6018 LIGHT GREEN, similar RAL 6018
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip	
STL950	

Counterparts (Spacing 5.8 mm)

Pin Strip / Terminal Block				
STLZ950	STLZ970	STLZ990	AKZ950-INV	AKZS950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK1200/2F-5.0-GREEN	51200022001D	50
3	20.00	AK1200/3F-5.0-GREEN	51200032001D	50
4	25.00	AK1200/4F-5.0-GREEN	51200042001D	50
5	30.00	AK1200/5F-5.0-GREEN	51200052001D	50
6	35.00	AK1200/6F-5.0-GREEN	51200062001D	50
7	40.00	AK1200/7F-5.0-GREEN	51200072001D	50
8	45.00	AK1200/8F-5.0-GREEN	51200082001D	50
9	50.00	AK1200/9F-5.0-GREEN	51200092001D	50
...
16	90.00	AK1200/16F-5.0-GREEN	51200162001D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ1200/2F-5.08-GREEN	51200022021D	50
3	15.24	AKZ1200/3F-5.08-GREEN	51200032021D	50
4	20.32	AKZ1200/4F-5.08-GREEN	51200042021D	50
5	25.40	AKZ1200/5F-5.08-GREEN	51200052021D	50
6	30.48	AKZ1200/6F-5.08-GREEN	51200062021D	50
7	35.56	AKZ1200/7F-5.08-GREEN	51200072021D	50
8	40.64	AKZ1200/8F-5.08-GREEN	51200082021D	50
9	45.72	AKZ1200/9F-5.08-GREEN	51200092021D	50
...
16	81.28	AKZ1200/16F-5.08-GREEN	51200162021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS4-5.0/5.08-RED	50000000026
	Series AKZ1200 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	12 A	
Overvoltage Category				III	
Rated Wire Size	solid	AWG 22-12	AWG 22-12	AWG 22-12	min
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	max
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M2.5	M2.5	M2.5	M2.5	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree				3	

AK4350/..G-3.5-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.34 mm ²	Material	PA 6.6
Solid max	0.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	8.5 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Spring	Copper Alloy		
Clamp Spring	Stainless Steel		

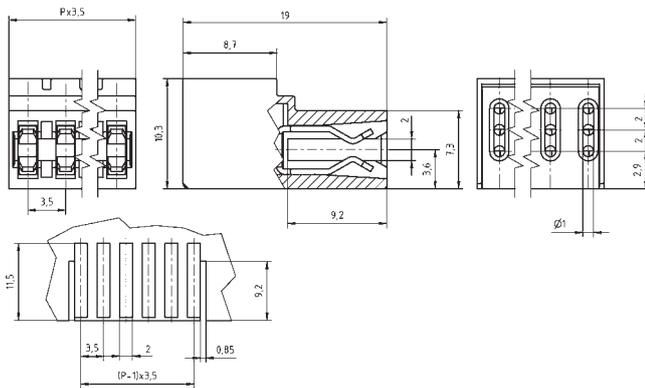
Colours

GREEN, RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK4350/2G-3.5-GREEN	54350020001F	200
3	10.50	AK4350/3G-3.5-GREEN	54350030001F	200
4	14.00	AK4350/4G-3.5-GREEN	54350040001E	100
5	17.50	AK4350/5G-3.5-GREEN	54350050001E	100
6	21.00	AK4350/6G-3.5-GREEN	54350060001D	50
7	24.50	AK4350/7G-3.5-GREEN	54350070001D	50
8	28.00	AK4350/8G-3.5-GREEN	54350080001D	50
9	31.50	AK4350/9G-3.5-GREEN	54350090001D	50
10	35.00	AK4350/10G-3.5-GREEN	54350100001D	50
11	38.50	AK4350/11G-3.5-GREEN	54350110001D	50
12	42.00	AK4350/12G-3.5-GREEN	54350120001D	50



Ratings

Usegroup					
	B	C	D		
Rated Voltage	150 V	-	300 V	160 V	
Rated Current	5 A	-	5 A	6 A	
Overvoltage Category				III	
Rated Wire Size				min	max
solid	AWG 22-20	-	AWG 22-20	-	0.5 mm ² (6 A)
stranded	-	-	-	-	-
Test Voltage	1.3 kV	-	1.6 kV	2.5 kV	
Pollution Degree				3	

* Data according to EN 61984

AK4551/..KD-3.5-BASALT GREY AKZ4551/..KD-3.81-BASALT GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	11.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Spring	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

	BASALT GREY, RAL 7012		GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018		

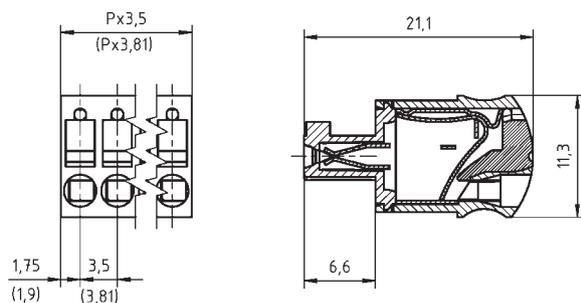
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip
STL1550

Counterparts (Spacing 3.81 mm)

Pin Strip
STLZ1550 STLZ1570 STLZ1590



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK4551/2KD-3.5-BASALT GREY	54551020401F	200
3	10.50	AK4551/3KD-3.5-BASALT GREY	54551030401F	200
4	14.00	AK4551/4KD-3.5-BASALT GREY	54551040401F	200
5	17.50	AK4551/5KD-3.5-BASALT GREY	54551050401F	200
6	21.00	AK4551/6KD-3.5-BASALT GREY	54551060401E	100
7	24.50	AK4551/7KD-3.5-BASALT GREY	54551070401E	100
8	28.00	AK4551/8KD-3.5-BASALT GREY	54551080401D	50
9	31.50	AK4551/9KD-3.5-BASALT GREY	54551090401D	50
...
20	70.00	AK4551/20KD-3.5-BASALT GREY	54551200401D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.62	AKZ4551/2KD-3.81-BASALT GREY	54551020421F	200
3	11.43	AKZ4551/3KD-3.81-BASALT GREY	54551030421F	200
4	15.24	AKZ4551/4KD-3.81-BASALT GREY	54551040421F	200
5	19.05	AKZ4551/5KD-3.81-BASALT GREY	54551050421F	200
6	22.86	AKZ4551/6KD-3.81-BASALT GREY	54551060421E	100
7	26.67	AKZ4551/7KD-3.81-BASALT GREY	54551070421E	100
8	30.48	AKZ4551/8KD-3.81-BASALT GREY	54551080421D	50
9	34.29	AKZ4551/9KD-3.81-BASALT GREY	54551090421D	50
...
20	76.20	AKZ4551/20KD-3.81-BASALT GREY	54551200421D	50

Accessories

Figure	Designation	Article Number
	Series AK(Z)4551 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 26-16	-	AWG 26-16 0.14 mm ² (3 A) 2.5 mm ² (10 A)
	stranded	AWG 26-16	-	AWG 26-16 0.14 mm ² (3 A) 1.5 mm ² (10 A)
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



AK4551/..FKD-3.5-BASALT GREY AKZ4551/..FKD-3.81-BASALT GREY

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	11.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Screw, Flange	Steel		
Contact Spring	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

	BASALT GREY, RAL 7012		GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018		

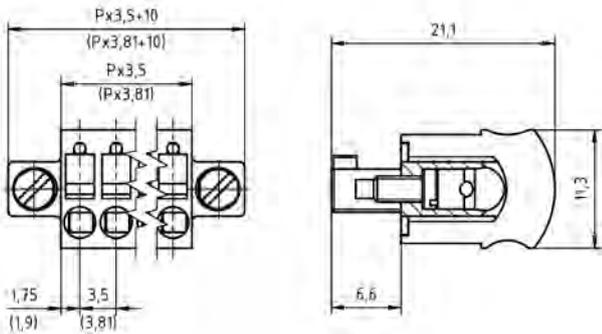
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip	
STL1550	

Counterparts (Spacing 3.81 mm)

Pin Strip	
STLZ1550	STLZ1570



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.00	AK4551/2FKD-3.5-BASALT GREY	54551022401F	200
3	20.50	AK4551/3FKD-3.5-BASALT GREY	54551032401F	200
4	24.00	AK4551/4FKD-3.5-BASALT GREY	54551042401F	200
5	27.50	AK4551/5FKD-3.5-BASALT GREY	54551052401F	200
6	31.00	AK4551/6FKD-3.5-BASALT GREY	54551062401E	100
7	34.50	AK4551/7FKD-3.5-BASALT GREY	54551072401E	100
8	38.00	AK4551/8FKD-3.5-BASALT GREY	54551082401D	50
9	41.50	AK4551/9FKD-3.5-BASALT GREY	54551092401D	50
...
20	80.00	AK4551/20FKD-3.5-BASALT GREY	54551202401D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.62	AKZ4551/2FKD-3.81-BASALT GREY	54551022421F	200
3	21.43	AKZ4551/3FKD-3.81-BASALT GREY	54551032421F	200
4	25.24	AKZ4551/4FKD-3.81-BASALT GREY	54551042421F	200
5	29.05	AKZ4551/5FKD-3.81-BASALT GREY	54551052421F	200
6	32.86	AKZ4551/6FKD-3.81-BASALT GREY	54551062421E	100
7	36.67	AKZ4551/7FKD-3.81-BASALT GREY	54551072421E	100
8	40.48	AKZ4551/8FKD-3.81-BASALT GREY	54551082421D	50
9	44.29	AKZ4551/9FKD-3.81-BASALT GREY	54551092421D	50
...
20	86.20	AKZ4551/20FKD-3.81-BASALT GREY	54551202421D	50

Accessories

Figure	Designation	Article Number
	Series AK(Z)4551 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 26-16	-	AWG 26-16
	stranded	AWG 26-16	-	AWG 26-16
Test Voltage	1.6 kV		1.6 kV	
Pollution Degree	3			

AK4561/..KD-3.5-BASALT GREY AKZ4561/..KD-3.81-BASALT GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm ²	Temperature	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.0 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	11.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Spring	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

	BASALT GREY, RAL 7012		GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018		

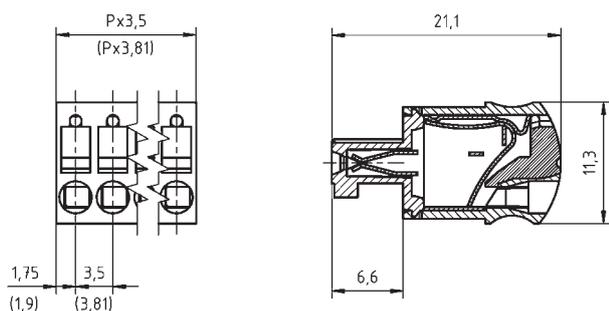
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip	
STL1550	

Counterparts (Spacing 3.81 mm)

Pin Strip				
STLZ1550	STLZ1570	STLZ1590	AKZS950	AKZS950-INV



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK4561/2KD-3.5-BASALT GREY	54561020401F	200
3	10.50	AK4561/3KD-3.5-BASALT GREY	54561030401F	200
4	14.00	AK4561/4KD-3.5-BASALT GREY	54561040401F	200
5	17.50	AK4561/5KD-3.5-BASALT GREY	54561050401F	200
6	21.00	AK4561/6KD-3.5-BASALT GREY	54561060401E	100
7	24.50	AK4561/7KD-3.5-BASALT GREY	54561070401E	100
8	28.00	AK4561/8KD-3.5-BASALT GREY	54561080401D	50
9	31.50	AK4561/9KD-3.5-BASALT GREY	54561090401D	50
...
20	70.00	AK4561/20KD-3.5-BASALT GREY	54561200401D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.62	AKZ4561/2KD-3.81-BASALT GREY	54561020421F	200
3	11.43	AKZ4561/3KD-3.81-BASALT GREY	54561030421F	200
4	15.24	AKZ4561/4KD-3.81-BASALT GREY	54561040421F	200
5	19.05	AKZ4561/5KD-3.81-BASALT GREY	54561050421F	200
6	22.86	AKZ4561/6KD-3.81-BASALT GREY	54561060421E	100
7	26.67	AKZ4561/7KD-3.81-BASALT GREY	54561070421E	100
8	30.48	AKZ4561/8KD-3.81-BASALT GREY	54561080421D	50
9	34.29	AKZ4561/9KD-3.81-BASALT GREY	54561090421D	50
...
20	76.20	AKZ4561/20KD-3.81-BASALT GREY	54561200421D	50

Accessories

Figure	Designation	Article Number
	Series AK(Z)4561 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 					
	B	C	D			
Rated Voltage	300 V	-	300 V	160 V		
Rated Current	10 A	-	10 A	10 A		
Overvoltage Category				III		
Rated Wire Size			min	max		
	solid	AWG 26-16	-	AWG 26-16	0.14 mm ² (3 A)	2.5 mm ² (10 A)
	stranded	AWG 26-16	-	AWG 26-16	0.14 mm ² (3 A)	1.5 mm ² (10 A)
Test Voltage	1.6 kV		1.6 kV		2.5 kV	
Pollution Degree	3					



AK4561/..FKD-3.5-BASALT GREY AKZ4561/..FKD-3.81-BASALT GREY

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) min	0.14 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded (flexible) max	1.5 mm ²	Wave Soldering Process	
Stranded with Ferrule min	0.25 mm ²	Soldering Temperature, recommended	-
Stranded with Ferrule max	1.0 mm ²	Peak Soldering Time, recommended	-
Dimensions		Reflow Process	
Stripped Length	11.0 mm	Soldering Temperature, recommended	-
PCB Hole Diameter	-	Peak Soldering Time, recommended	-
Materials			
Screw, Flange	Steel		
Contact Spring	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

	BASALT GREY, RAL 7012		GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018		

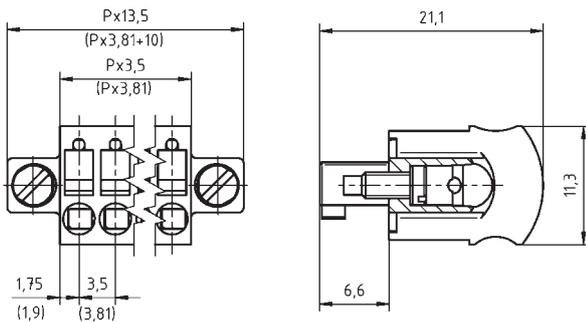
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip	
STL1550	

Counterparts (Spacing 3.81 mm)

Pin Strip	
STLZ1550	STLZ1570



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.00	AK4561/2FKD-3.5-BASALT GREY	54561022401F	200
3	20.50	AK4561/3FKD-3.5-BASALT GREY	54561032401F	200
4	24.00	AK4561/4FKD-3.5-BASALT GREY	54561042401F	200
5	27.50	AK4561/5FKD-3.5-BASALT GREY	54561052401F	200
6	31.00	AK4561/6FKD-3.5-BASALT GREY	54561062401E	100
7	34.50	AK4561/7FKD-3.5-BASALT GREY	54561072401E	100
8	38.00	AK4561/8FKD-3.5-BASALT GREY	54561082401D	50
9	41.50	AK4561/9FKD-3.5-BASALT GREY	54561092401D	50
...
20	80.00	AK4561/20FKD-3.5-BASALT GREY	54561202401D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	12.62	AKZ4561/2FKD-3.81-BASALT GREY	54561022421F	200
3	16.43	AKZ4561/3FKD-3.81-BASALT GREY	54561032421F	200
4	20.24	AKZ4561/4FKD-3.81-BASALT GREY	54561042421F	200
5	24.05	AKZ4561/5FKD-3.81-BASALT GREY	54561052421F	200
6	27.86	AKZ4561/6FKD-3.81-BASALT GREY	54561062421E	100
7	31.67	AKZ4561/7FKD-3.81-BASALT GREY	54561072421E	100
8	35.48	AKZ4561/8FKD-3.81-BASALT GREY	54561082421D	50
9	39.29	AKZ4561/9FKD-3.81-BASALT GREY	54561092421D	50
...
20	81.20	AKZ4561/20FKD-3.81-BASALT GREY	54561202421D	50

Accessories

Figure	Designation	Article Number
	Series AK(Z)4561 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	B		C		D	
	300 V		-		300 V	
Rated Voltage	300 V		-		300 V	
Rated Current	10 A		-		10 A	
Overvoltage Category					III	
Rated Wire Size					min	max
	solid	AWG 26-16	-	AWG 26-16	0.14 mm ² (3 A)	2.5 mm ² (10 A)
	stranded	AWG 26-16	-	AWG 26-16	0.14 mm ² (3 A)	1.5 mm ² (10 A)
Test Voltage	1.6 kV		-		1.6 kV	
Pollution Degree					3	

AK4951/..KD-5.0-BASALT GREY AKZ4951/..KD-5.08-BASALT GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	12 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Spring	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

	BASALT GREY, RAL 7012		GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018		

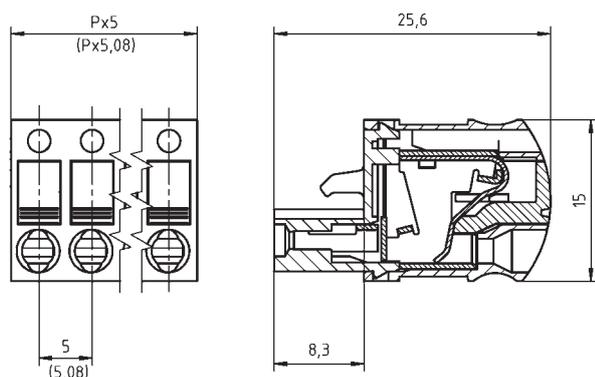
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip		
STL950	STL955	STL975

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block			
STLZ950	STLZ970	STLZ990	AKZS950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK4951/2KD-5.0-BASALT GREY	54951020401D	50
3	15.00	AK4951/3KD-5.0-BASALT GREY	54951030401D	50
4	20.00	AK4951/4KD-5.0-BASALT GREY	54951040401D	50
5	25.00	AK4951/5KD-5.0-BASALT GREY	54951050401D	50
6	30.00	AK4951/6KD-5.0-BASALT GREY	54951060401D	50
7	35.00	AK4951/7KD-5.0-BASALT GREY	54951070401D	50
8	40.00	AK4951/8KD-5.0-BASALT GREY	54951080401D	50
9	45.00	AK4951/9KD-5.0-BASALT GREY	54951090401D	50
...
24	120.00	AK4951/24KD-5.0-BASALT GREY	54951240401D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ4951/2KD-5.08-BASALT GREY	54951020421D	50
3	15.24	AKZ4951/3KD-5.08-BASALT GREY	54951030421D	50
4	20.32	AKZ4951/4KD-5.08-BASALT GREY	54951040421D	50
5	25.40	AKZ4951/5KD-5.08-BASALT GREY	54951050421D	50
6	30.48	AKZ4951/6KD-5.08-BASALT GREY	54951060421D	50
7	35.56	AKZ4951/7KD-5.08-BASALT GREY	54951070421D	50
8	40.64	AKZ4951/8KD-5.08-BASALT GREY	54951080421D	50
9	45.72	AKZ4951/9KD-5.08-BASALT GREY	54951090421D	50
...
24	121.92	AKZ4951/24KD-5.08-BASALT GREY	54951240421D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-5.0/5.08-RED	50000000021
	Series AK(Z)4951 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	cULus		VDE		
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	10 A	-	10 A	12 A	
Overvoltage Category				III	
Rated Wire Size			min	max	
	solid	AWG 26-12	-	AWG 26-12	0.2 mm ² / 2.5 mm ²
	stranded	AWG 26-12	-	AWG 26-12	0.2 mm ² / 2.5 mm ²
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV	
Pollution Degree				3	



AK4951/..FKD-5.0-BASALT GREY AKZ4951/..FKD-5.08-BASALT GREY

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) min	0.2 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded (flexible) max	2.5 mm ²	Wave Soldering Process	
Stranded with Ferrule min	0.25 mm ²	Soldering Temperature, recommended	-
Stranded with Ferrule max	2.5 mm ²	Peak Soldering Time, recommended	-
Dimensions		Reflow Process	
Stripped Length	12 mm	Soldering Temperature, recommended	-
PCB Hole Diameter	-	Peak Soldering Time, recommended	-
Materials			
Screw, Flange	Steel		
Contact Spring	Copper Alloy		
Clamp Spring	Stainless Steel		

Colours

- BASALT GREY, RAL 7012
- GREEN, RAL 6018
- LIGHT GREEN, similar RAL 6018

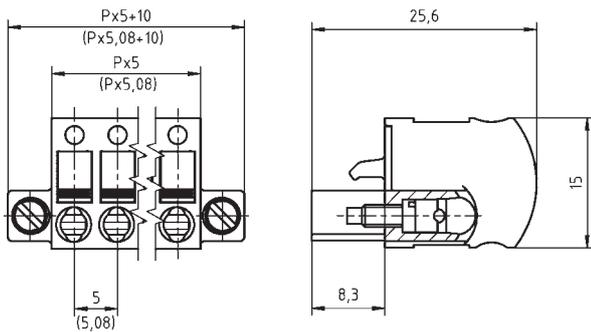
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip	
STL950	

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block	
STLZ950 STLZ970 AKZS950	



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	AK4951/2FKD-5.0-BASALT GREY	54951022401D	50
3	25.00	AK4951/3FKD-5.0-BASALT GREY	54951032401D	50
4	30.00	AK4951/4FKD-5.0-BASALT GREY	54951042401D	50
5	35.00	AK4951/5FKD-5.0-BASALT GREY	54951052401D	50
6	40.00	AK4951/6FKD-5.0-BASALT GREY	54951062401D	50
7	45.00	AK4951/7FKD-5.0-BASALT GREY	54951072401D	50
8	50.00	AK4951/8FKD-5.0-BASALT GREY	54951082401D	50
9	55.00	AK4951/9FKD-5.0-BASALT GREY	54951092401D	50
...
24	130.00	AK4951/24FKD-5.0-BASALT GREY	54951242401D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.16	AKZ4951/2FKD-5.08-BASALT GREY	54951022421D	50
3	25.24	AKZ4951/3FKD-5.08-BASALT GREY	54951032421D	50
4	30.32	AKZ4951/4FKD-5.08-BASALT GREY	54951042421D	50
5	35.40	AKZ4951/5FKD-5.08-BASALT GREY	54951052421D	50
6	40.48	AKZ4951/6FKD-5.08-BASALT GREY	54951062421D	50
7	45.56	AKZ4951/7FKD-5.08-BASALT GREY	54951072421D	50
8	50.64	AKZ4951/8FKD-5.08-BASALT GREY	54951082421D	50
9	55.72	AKZ4951/9FKD-5.08-BASALT GREY	54951092421D	50
...
24	131.92	AKZ4951/24FKD-5.08-BASALT GREY	54951242421D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-5.0/5.08-RED	50000000021
	Series AK(Z)4951 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	12 A
Overvoltage Category				III
Rated Wire Size			min	max
	solid	AWG 26-12	-	AWG 26-12
	stranded	AWG 26-12	-	AWG 26-12
Test Voltage	1.6 kV		1.6 kV	
Pollution Degree	3			

AK3950/..-5.0-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	8.5 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Spring	Copper Alloy		
Tension Spring	Stainless Steel		

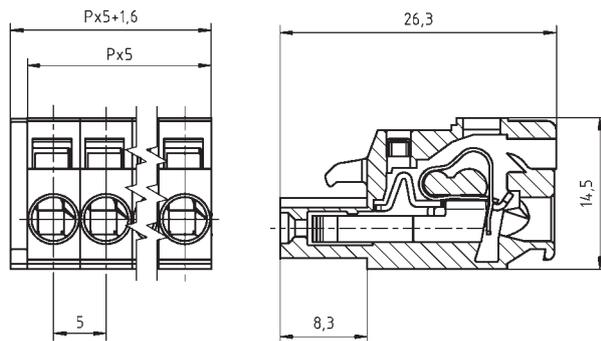
Colours

■ GREEN, RAL 6018 ■ PEBBLE GREY, RAL 7032

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip		
STL950	STL955	STL975



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.60	AK3950/2-5.0-GREEN	53950020001D	50
3	16.60	AK3950/3-5.0-GREEN	53950030001D	50
4	21.60	AK3950/4-5.0-GREEN	53950040001D	50
5	26.60	AK3950/5-5.0-GREEN	53950050001D	50
6	31.60	AK3950/6-5.0-GREEN	53950060001D	50
7	36.60	AK3950/7-5.0-GREEN	53950070001D	50
8	41.60	AK3950/8-5.0-GREEN	53950080001D	50
9	46.60	AK3950/9-5.0-GREEN	53950090001D	50
10	51.60	AK3950/10-5.0-GREEN	53950100001D	50
11	56.60	AK3950/11-5.0-GREEN	53950110001D	50
12	61.60	AK3950/12-5.0-GREEN	53950120001D	50
13	66.60	AK3950/13-5.0-GREEN	53950130001D	50
14	71.60	AK3950/14-5.0-GREEN	53950140001D	50
15	76.60	AK3950/15-5.0-GREEN	53950150001D	50
16	81.60	AK3950/16-5.0-GREEN	53950160001D	50
17	86.60	AK3950/17-5.0-GREEN	53950170001D	50
18	91.60	AK3950/18-5.0-GREEN	53950180001D	50
19	96.60	AK3950/19-5.0-GREEN	53950190001D	50
20	101.60	AK3950/20-5.0-GREEN	53950200001D	50
21	106.60	AK3950/21-5.0-GREEN	53950210001D	50
22	111.60	AK3950/22-5.0-GREEN	53950220001D	50
23	116.60	AK3950/23-5.0-GREEN	53950230001D	50
24	121.60	AK3950/24-5.0-GREEN	53950240001D	50

Accessories

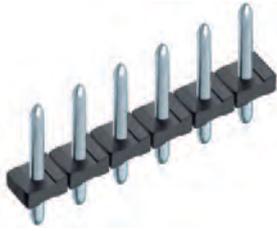
Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007
	Coding Star CS1-5.0/5.08-RED	50000000021

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c					
	B	C	D			
Rated Voltage	300 V	-	300 V	250 V		
Rated Current	15 A	-	10 A	12 A		
Overvoltage Category				III		
Rated Wire Size	min				max	
	solid	AWG 28-12	-	AWG 28-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
	stranded	AWG 28-12	-	AWG 28-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
Test Voltage	1.6 kV		1.6 kV		4.0 kV	
Pollution Degree						3

STL1350/..-3.5-V-BLACK



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

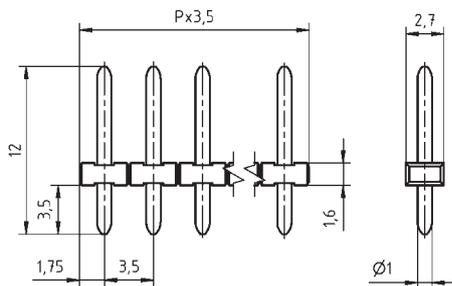
Colours

	BLACK, RAL 9011		LIGHT GREY, RAL 7035
	GREEN, RAL 6018		ORANGE, RAL 2011
	RED, RAL 3003		BLUE, RAL 5015
	YELLOW, RAL 1018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Terminal Block
AK1350



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	STL1350/2-3.5-V-BLACK	51350025001G	250
3	10.50	STL1350/3-3.5-V-BLACK	51350035001G	250
4	14.00	STL1350/4-3.5-V-BLACK	51350045001G	250
5	17.50	STL1350/5-3.5-V-BLACK	51350055001G	250
6	21.00	STL1350/6-3.5-V-BLACK	51350065001G	250
7	24.50	STL1350/7-3.5-V-BLACK	51350075001G	250
8	28.00	STL1350/8-3.5-V-BLACK	51350085001E	100
9	31.50	STL1350/9-3.5-V-BLACK	51350095001E	100
10	35.00	STL1350/10-3.5-V-BLACK	51350105001E	100
11	38.50	STL1350/11-3.5-V-BLACK	51350115001E	100
12	42.00	STL1350/12-3.5-V-BLACK	51350125001E	100
13	45.50	STL1350/13-3.5-V-BLACK	51350135001D	50
14	49.00	STL1350/14-3.5-V-BLACK	51350145001D	50
15	52.50	STL1350/15-3.5-V-BLACK	51350155001D	50
16	56.00	STL1350/16-3.5-V-BLACK	51350165001D	50
17	59.50	STL1350/17-3.5-V-BLACK	51350175001D	50
18	63.00	STL1350/18-3.5-V-BLACK	51350185001D	50
19	66.50	STL1350/19-3.5-V-BLACK	51350195001D	50
20	70.00	STL1350/20-3.5-V-BLACK	51350205001D	50
21	73.50	STL1350/21-3.5-V-BLACK	51350215001D	50
22	77.00	STL1350/22-3.5-V-BLACK	51350225001D	50
23	80.50	STL1350/23-3.5-V-BLACK	51350235001D	50
24	84.00	STL1350/24-3.5-V-BLACK	51350245001D	50

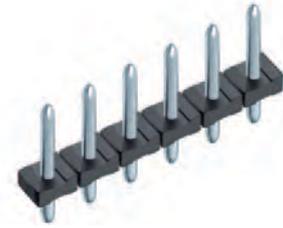
Colour: 2- to 12-poles available
Black: 2- to 24-poles available

Ratings



Usegroup	B	C	D	
Rated Voltage	150 V	-	-	125 V
Rated Current	9 A	-	-	8 A
Overvoltage Category				III
Test Voltage	1.3 kV	-	-	2.5 kV
Pollution Degree				3

STL1350/..-3.5-V-P3.5-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

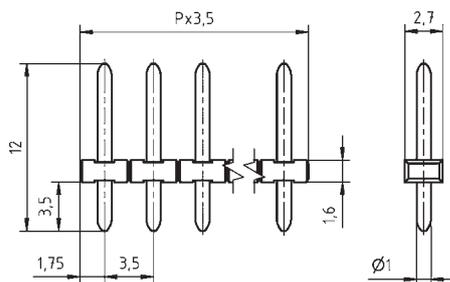
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.5 mm)

Terminal Block
AK1350



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	STL1350/2-3.5-V-P3.5-BK-HT	51350025031G	250
3	10.50	STL1350/3-3.5-V-P3.5-BK-HT	51350035031G	250
4	14.00	STL1350/4-3.5-V-P3.5-BK-HT	51350045031G	250
5	17.50	STL1350/5-3.5-V-P3.5-BK-HT	51350055031G	250
6	21.00	STL1350/6-3.5-V-P3.5-BK-HT	51350065031G	250
7	24.50	STL1350/7-3.5-V-P3.5-BK-HT	51350075031G	250
8	28.00	STL1350/8-3.5-V-P3.5-BK-HT	51350085031E	100
9	31.50	STL1350/9-3.5-V-P3.5-BK-HT	51350095031E	100
10	35.00	STL1350/10-3.5-V-P3.5-BK-HT	51350105031E	100
11	38.50	STL1350/11-3.5-V-P3.5-BK-HT	51350115031E	100
12	42.00	STL1350/12-3.5-V-P3.5-BK-HT	51350125031E	100
13	45.50	STL1350/13-3.5-V-P3.5-BK-HT	51350135031D	50
14	49.00	STL1350/14-3.5-V-P3.5-BK-HT	51350145031D	50
15	52.50	STL1350/15-3.5-V-P3.5-BK-HT	51350155031D	50
16	56.00	STL1350/16-3.5-V-P3.5-BK-HT	51350165031D	50
17	59.50	STL1350/17-3.5-V-P3.5-BK-HT	51350175031D	50
18	63.00	STL1350/18-3.5-V-P3.5-BK-HT	51350185031D	50
19	66.50	STL1350/19-3.5-V-P3.5-BK-HT	51350195031D	50
20	70.00	STL1350/20-3.5-V-P3.5-BK-HT	51350205031D	50

Ratings



Usegroup	B	C	D	
Rated Voltage	150 V	-	-	125 V
Rated Current	9 A	-	-	8 A
Overvoltage Category				III
Test Voltage	1.3 kV	-	-	2.5 kV
Pollution Degree				3



STL1350/..-3.5-V-P3.5-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

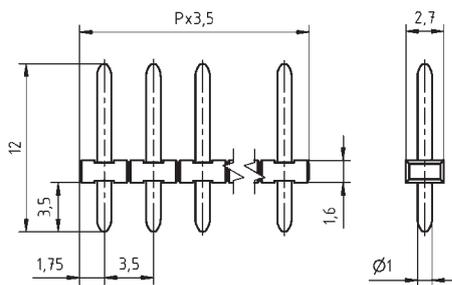
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.5 mm)

Terminal Block
AK1350

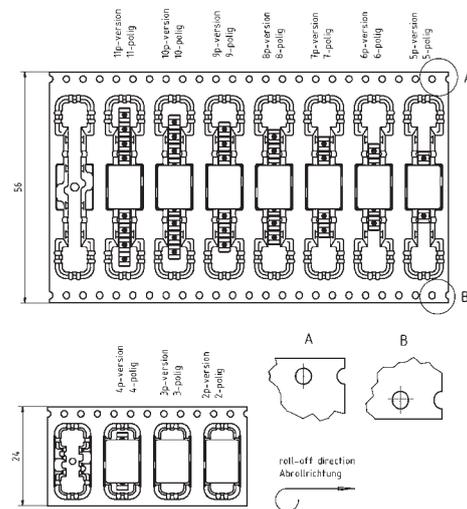


Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	STL1350/2-3.5-V-P3.5-BK-HT	51350025031R	330
3	10.50	STL1350/3-3.5-V-P3.5-BK-HT	51350035031R	330
4	14.00	STL1350/4-3.5-V-P3.5-BK-HT	51350045031R	330
5	17.50	STL1350/5-3.5-V-P3.5-BK-HT	51350055031R	250
6	21.00	STL1350/6-3.5-V-P3.5-BK-HT	51350065031R	250
7	24.50	STL1350/7-3.5-V-P3.5-BK-HT	51350075031R	250
8	28.00	STL1350/8-3.5-V-P3.5-BK-HT	51350085031R	250
9	31.50	STL1350/9-3.5-V-P3.5-BK-HT	51350095031R	250
10	35.00	STL1350/10-3.5-V-P3.5-BK-HT	51350105031R	250
11	38.50	STL1350/11-3.5-V-P3.5-BK-HT	51350115031R	250

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-4	13	24	12	330
5-11	13	56	16	250

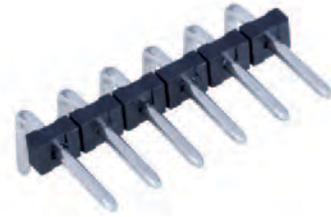


Ratings



Usegroup	B	C	D	
Rated Voltage	150 V	-	-	125 V
Rated Current	9 A	-	-	8 A
Overvoltage Category				III
Test Voltage	1.3 kV	-	-	2.5 kV
Pollution Degree				3

STL1350/..-3.5-H-BLACK



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

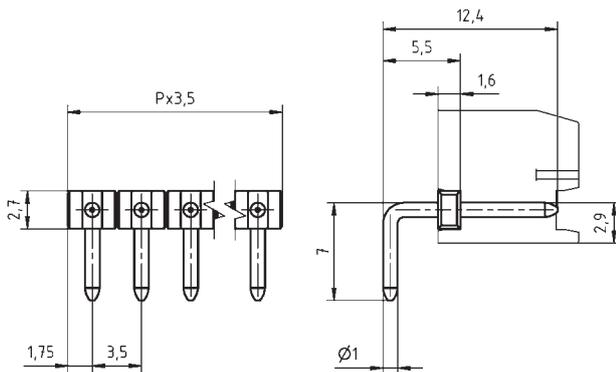
Colours

 BLACK, RAL 9011	 LIGHT GREY, RAL 7035
 GREEN, RAL 6018	 ORANGE, RAL 2011
 RED, RAL 3003	 BLUE, RAL 5015
 YELLOW, RAL 1018	

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Terminal Block
AK1350



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	STL1350/2-3.5-H-BLACK	51350025010E	100
3	10.50	STL1350/3-3.5-H-BLACK	51350035010E	100
4	14.00	STL1350/4-3.5-H-BLACK	51350045010E	100
5	17.50	STL1350/5-3.5-H-BLACK	51350055010D	50
6	21.00	STL1350/6-3.5-H-BLACK	51350065010D	50
7	24.50	STL1350/7-3.5-H-BLACK	51350075010D	50
8	28.00	STL1350/8-3.5-H-BLACK	51350085010D	50
9	31.50	STL1350/9-3.5-H-BLACK	51350095010D	50
10	35.00	STL1350/10-3.5-H-BLACK	51350105010D	50
11	38.50	STL1350/11-3.5-H-BLACK	51350115010D	50
12	42.00	STL1350/12-3.5-H-BLACK	51350125010D	50
13	45.50	STL1350/13-3.5-H-BLACK	51350135010D	50
14	49.00	STL1350/14-3.5-H-BLACK	51350145010D	50
15	52.50	STL1350/15-3.5-H-BLACK	51350155010D	50
16	56.00	STL1350/16-3.5-H-BLACK	51350165010D	50
17	59.50	STL1350/17-3.5-H-BLACK	51350175010D	50
18	63.00	STL1350/18-3.5-H-BLACK	51350185010D	50
19	66.50	STL1350/19-3.5-H-BLACK	51350195010D	50
20	70.00	STL1350/20-3.5-H-BLACK	51350205010D	50
21	73.50	STL1350/21-3.5-H-BLACK	51350215010D	50
22	77.00	STL1350/22-3.5-H-BLACK	51350225010D	50
23	80.50	STL1350/23-3.5-H-BLACK	51350235010D	50
24	84.00	STL1350/24-3.5-H-BLACK	51350245010D	50

Colour: 2- to 12-poles available
Black: 2- to 24-poles available

Ratings

				
Usegroup	B	C	D	
Rated Voltage	150 V	-	-	125 V
Rated Current	9 A	-	-	8 A
Overvoltage Category				III
Test Voltage	1.3 kV	-	-	2.5 kV
Pollution Degree				3



STL1350/..-3.5-H-BLACK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Stranded with Ferrule max		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.3 mm	Peak Soldering Time, recommended	60 s
Materials			
Contact Pin	Brass		

Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

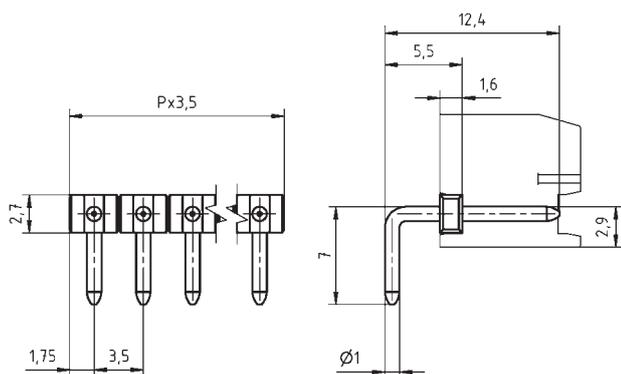
Counterparts (Spacing 3.5 mm)

Terminal Block

AK1350

Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	STL1350/2-3.5-H-BLACK-HT	51350025101E	100
3	10.50	STL1350/3-3.5-H-BLACK-HT	51350035101E	100
4	14.00	STL1350/4-3.5-H-BLACK-HT	51350045101E	100
5	17.50	STL1350/5-3.5-H-BLACK-HT	51350055101D	50
6	21.00	STL1350/6-3.5-H-BLACK-HT	51350065101D	50
7	24.50	STL1350/7-3.5-H-BLACK-HT	51350075101D	50
8	28.00	STL1350/8-3.5-H-BLACK-HT	51350085101D	50
9	31.50	STL1350/9-3.5-H-BLACK-HT	51350095101D	50
10	35.00	STL1350/10-3.5-H-BLACK-HT	51350105101D	50
11	38.50	STL1350/11-3.5-H-BLACK-HT	51350115101D	50
12	42.00	STL1350/12-3.5-H-BLACK-HT	51350125101D	50
13	45.50	STL1350/13-3.5-H-BLACK-HT	51350135101D	50
14	49.00	STL1350/14-3.5-H-BLACK-HT	51350145101D	50
15	52.50	STL1350/15-3.5-H-BLACK-HT	51350155101D	50
16	56.00	STL1350/16-3.5-H-BLACK-HT	51350165101D	50
17	59.50	STL1350/17-3.5-H-BLACK-HT	51350175101D	50
18	63.00	STL1350/18-3.5-H-BLACK-HT	51350185101D	50
19	66.50	STL1350/19-3.5-H-BLACK-HT	51350195101D	50
20	70.00	STL1350/20-3.5-H-BLACK-HT	51350205101D	50



Ratings



Usegroup	B	C	D	
Rated Voltage	150 V	-	-	125 V
Rated Current	9 A	-	-	8 A
Overtoltage Category				III
Test Voltage	1.3 kV	-	-	2.5 kV
Pollution Degree				3

STL1550/..G-3.5-V-GREEN STLZ1550/..G-3.81-V-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	BASALT GREY, RAL 7012		LIGHT GREEN, similar RAL 6018

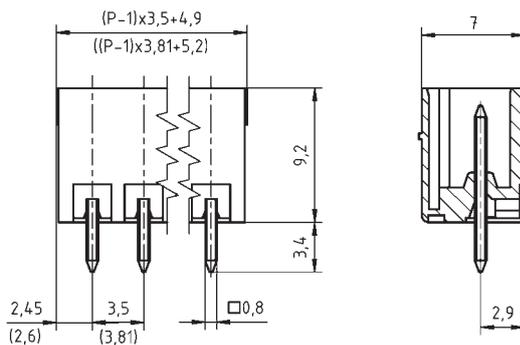
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Terminal Block				
AK1550	AK1700	AK1710	AK4551	AK4561

Counterparts (Spacing 3.81 mm)

Terminal Block				
AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	8.40	STL1550/2G-3.5-V-GREEN	51550025101F	200
3	11.90	STL1550/3G-3.5-V-GREEN	51550035101F	200
4	15.40	STL1550/4G-3.5-V-GREEN	51550045101F	200
5	18.90	STL1550/5G-3.5-V-GREEN	51550055101F	200
6	22.40	STL1550/6G-3.5-V-GREEN	51550065101E	100
7	25.90	STL1550/7G-3.5-V-GREEN	51550075101E	100
8	29.40	STL1550/8G-3.5-V-GREEN	51550085101D	50
9	32.90	STL1550/9G-3.5-V-GREEN	51550095101D	50
...
20	71.40	STL1550/20G-3.5-V-GREEN	51550205101D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1550/2G-3.81-V-GREEN	51550025125F	200
3	12.82	STLZ1550/3G-3.81-V-GREEN	51550035125F	200
4	16.63	STLZ1550/4G-3.81-V-GREEN	51550045125F	200
5	20.44	STLZ1550/5G-3.81-V-GREEN	51550055125F	200
6	24.25	STLZ1550/6G-3.81-V-GREEN	51550065125E	100
7	28.06	STLZ1550/7G-3.81-V-GREEN	51550075125E	100
8	31.87	STLZ1550/8G-3.81-V-GREEN	51550085125D	50
9	35.68	STLZ1550/9G-3.81-V-GREEN	51550095125D	50
...
20	77.59	STLZ1550/20G-3.81-V-GREEN	51550205125D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	50000000023

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



STLZ1550/..G-3.81-V-P1.4-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

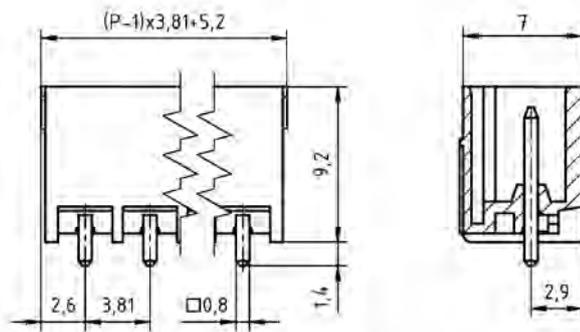
■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550 AKZ1700 AKZ1710 AKZ4551 AKZ4561



Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1550/2G-3.81-V-P1.4-BK-HT	51550025342F	200
3	12.82	STLZ1550/3G-3.81-V-P1.4-BK-HT	51550035342F	200
4	16.63	STLZ1550/4G-3.81-V-P1.4-BK-HT	51550045342F	200
5	20.44	STLZ1550/5G-3.81-V-P1.4-BK-HT	51550055342F	200
6	24.25	STLZ1550/6G-3.81-V-P1.4-BK-HT	51550065342E	100
7	28.06	STLZ1550/7G-3.81-V-P1.4-BK-HT	51550075342E	100
8	31.87	STLZ1550/8G-3.81-V-P1.4-BK-HT	51550085342D	50
9	35.68	STLZ1550/9G-3.81-V-P1.4-BK-HT	51550095342D	50
10	39.49	STLZ1550/10G-3.81-V-P1.4-BK-HT	51550105342D	50
11	43.30	STLZ1550/11G-3.81-V-P1.4-BK-HT	51550115342D	50
12	47.11	STLZ1550/12G-3.81-V-P1.4-BK-HT	51550125342D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-NATURAL-HT	50000000022

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3

STLZ1550/..G-3.81-V-P1.4-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

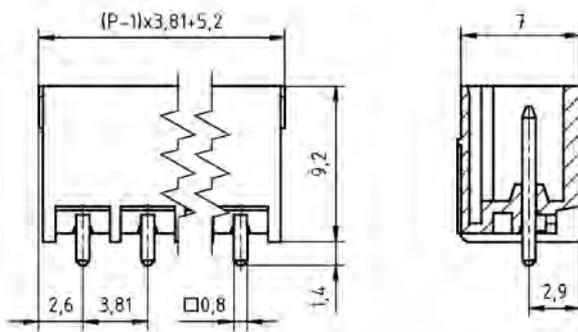
■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550 AKZ1700 AKZ1710 AKZ4551 AKZ4561



Order Data (Spacing 3.81 mm)

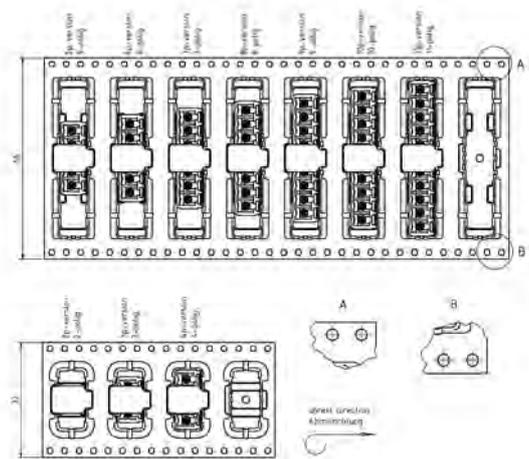
Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1550/2G-3.81-V-P1.4-BK-HT	51550025342R	200
3	12.82	STLZ1550/3G-3.81-V-P1.4-BK-HT	51550035342R	200
4	16.63	STLZ1550/4G-3.81-V-P1.4-BK-HT	51550045342R	200
5	20.44	STLZ1550/5G-3.81-V-P1.4-BK-HT	51550055342R	200
6	24.25	STLZ1550/6G-3.81-V-P1.4-BK-HT	51550065342R	200
7	28.06	STLZ1550/7G-3.81-V-P1.4-BK-HT	51550075342R	200
8	31.87	STLZ1550/8G-3.81-V-P1.4-BK-HT	51550085342R	200
9	35.68	STLZ1550/9G-3.81-V-P1.4-BK-HT	51550095342R	200
10	39.49	STLZ1550/10G-3.81-V-P1.4-BK-HT	51550105342R	200
11	43.30	STLZ1550/11G-3.81-V-P1.4-BK-HT	51550115342R	200

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-NATURAL-HT	5000000002

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-4	13	32	16	200
5-11	13	56	16	200



Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



STL1550/..F-3.5-V-GREEN STLZ1550/..F-3.81-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	BASALT GREY, RAL 7012		LIGHT GREEN, similar RAL 6018

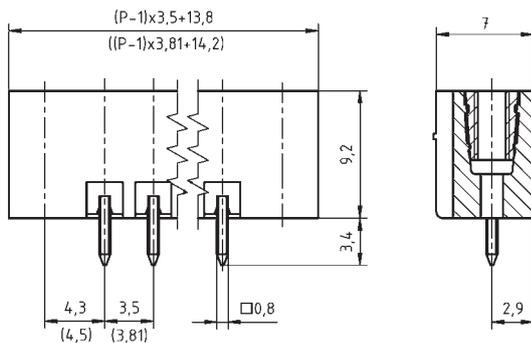
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Terminal Block				
AK1550	AK1700	AK1710	AK4551	AK4561

Counterparts (Spacing 3.81 mm)

Terminal Block				
AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.30	STL1550/2F-3.5-V-GREEN	51550026101E	100
3	20.80	STL1550/3F-3.5-V-GREEN	51550036101E	100
4	24.30	STL1550/4F-3.5-V-GREEN	51550046101E	100
5	27.80	STL1550/5F-3.5-V-GREEN	51550056101D	50
6	31.30	STL1550/6F-3.5-V-GREEN	51550066101D	50
7	34.80	STL1550/7F-3.5-V-GREEN	51550076101D	50
8	38.30	STL1550/8F-3.5-V-GREEN	51550086101D	50
9	41.80	STL1550/9F-3.5-V-GREEN	51550096101D	50
...
20	80.30	STL1550/20F-3.5-V-GREEN	51550206101D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	18.01	STLZ1550/2F-3.81-V-GREEN	51550026125E	100
3	21.82	STLZ1550/3F-3.81-V-GREEN	51550036125E	100
4	25.63	STLZ1550/4F-3.81-V-GREEN	51550046125E	100
5	29.44	STLZ1550/5F-3.81-V-GREEN	51550056125D	50
6	33.25	STLZ1550/6F-3.81-V-GREEN	51550066125D	50
7	37.06	STLZ1550/7F-3.81-V-GREEN	51550076125D	50
8	40.87	STLZ1550/8F-3.81-V-GREEN	51550086125D	50
9	44.68	STLZ1550/9F-3.81-V-GREEN	51550096125D	50
...
20	86.59	STLZ1550/20F-3.81-V-GREEN	51550206125D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	50000000023

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3

STLZ1550/..F-3.81-V-P1.4-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.81 mm)

Terminal Block				
AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561

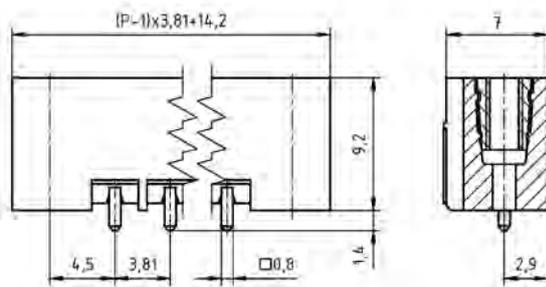
Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	18.01	STLZ1550/2F-3.81-V-P1.4-BK-HT	51550026342E	100
3	21.82	STLZ1550/3F-3.81-V-P1.4-BK-HT	51550036342E	100
4	25.63	STLZ1550/4F-3.81-V-P1.4-BK-HT	51550046342E	100
5	29.44	STLZ1550/5F-3.81-V-P1.4-BK-HT	51550056342E	100
6	33.25	STLZ1550/6F-3.81-V-P1.4-BK-HT	51550066342D	50
7	37.06	STLZ1550/7F-3.81-V-P1.4-BK-HT	51550076342D	50
8	40.87	STLZ1550/8F-3.81-V-P1.4-BK-HT	51550086342D	50
9	44.68	STLZ1550/9F-3.81-V-P1.4-BK-HT	51550096342D	50
10	48.49	STLZ1550/10F-3.81-V-P1.4-BK-HT	51550106342D	50
11	52.30	STLZ1550/11F-3.81-V-P1.4-BK-HT	51550116342D	50
12	56.11	STLZ1550/12F-3.81-V-P1.4-BK-HT	51550126342D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-NATURAL-HT	5000000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



STLZ1550/..F-3.81-V-P1.4-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Temperatures		Wave Soldering Process	
Stranded (flexible) min	-	Operating Temperature	-30 °C - 105 °C
Stranded (flexible) max	-	Soldering Temperature, recommended	265 °C
Stranded with Ferrule min	-	Peak Soldering Time, recommended	3 s / 10 s
Stranded with Ferrule max	-	Reflow Process	
Dimensions		Soldering Temperature, recommended	217 - 245 °C
Stripped Length	-	Peak Soldering Time, recommended	60 s
PCB Hole Diameter	1.2 mm	Materials	
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

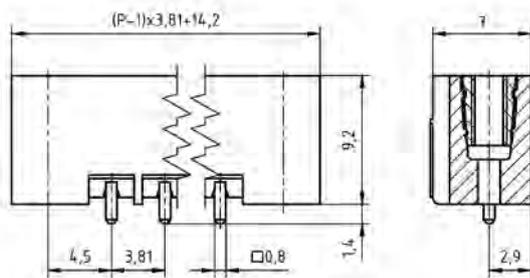
■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550 AKZ1700 AKZ1710 AKZ4551 AKZ4561



Order Data (Spacing 3.81 mm)

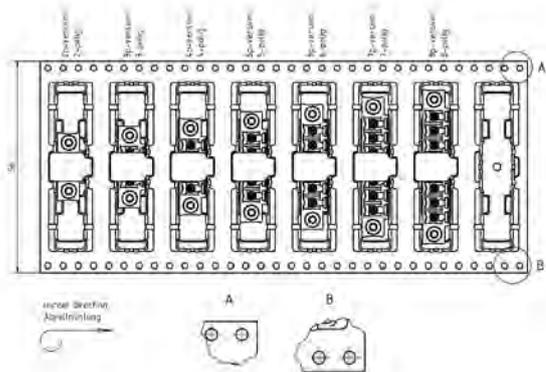
Poles	Width (mm)	Article Designation	Article Number	PU
2	18.01	STLZ1550/2F-3.81-V-P1.4-BK-HT	51550026342R	200
3	21.82	STLZ1550/3F-3.81-V-P1.4-BK-HT	51550036342R	200
4	25.63	STLZ1550/4F-3.81-V-P1.4-BK-HT	51550046342R	200
5	29.44	STLZ1550/5F-3.81-V-P1.4-BK-HT	51550056342R	200
6	33.25	STLZ1550/6F-3.81-V-P1.4-BK-HT	51550066342R	200
7	37.06	STLZ1550/7F-3.81-V-P1.4-BK-HT	51550076342R	200
8	40.87	STLZ1550/8F-3.81-V-P1.4-BK-HT	51550086342R	200

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-NATURAL-HT	50000000022

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-8	13	56	16	200



Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3

STL1550/..G-3.5-H-GREEN STLZ1550/..G-3.81-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	BASALT GREY, RAL 7012		LIGHT GREEN, similar RAL 6018

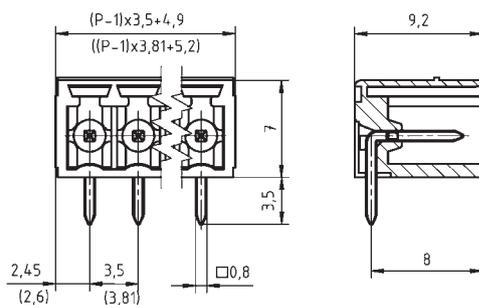
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Terminal Block				
AK1550	AK1700	AK1710	AK4551	AK4561

Counterparts (Spacing 3.81 mm)

Terminal Block				
AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	8.40	STL1550/2G-3.5-H-GREEN	51550025001F	200
3	11.90	STL1550/3G-3.5-H-GREEN	51550035001F	200
4	15.40	STL1550/4G-3.5-H-GREEN	51550045001F	200
5	18.90	STL1550/5G-3.5-H-GREEN	51550055001F	200
6	22.40	STL1550/6G-3.5-H-GREEN	51550065001E	100
7	25.90	STL1550/7G-3.5-H-GREEN	51550075001E	100
8	29.40	STL1550/8G-3.5-H-GREEN	51550085001D	50
9	32.90	STL1550/9G-3.5-H-GREEN	51550095001D	50
...
20	71.40	STL1550/20G-3.5-H-GREEN	51550205001D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1550/2G-3.81-H-GREEN	51550025025F	200
3	12.82	STLZ1550/3G-3.81-H-GREEN	51550035025F	200
4	16.63	STLZ1550/4G-3.81-H-GREEN	51550045025F	200
5	20.44	STLZ1550/5G-3.81-H-GREEN	51550055025F	200
6	24.25	STLZ1550/6G-3.81-H-GREEN	51550065025E	100
7	28.06	STLZ1550/7G-3.81-H-GREEN	51550075025E	100
8	31.87	STLZ1550/8G-3.81-H-GREEN	51550085025D	50
9	35.68	STLZ1550/9G-3.81-H-GREEN	51550095025D	50
...
20	77.59	STLZ1550/20G-3.81-H-GREEN	51550205025D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	50000000023

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



STLZ1550/..G-3.81-H-P1.4-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

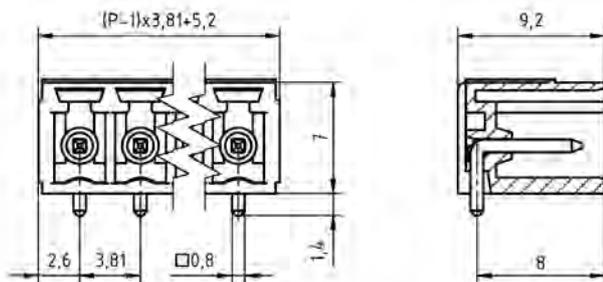
■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550 AKZ1700 AKZ1710 AKZ4551 AKZ4561



Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1550/2G-3.81-H-P1.4-BK-HT	51550025332F	200
3	12.82	STLZ1550/3G-3.81-H-P1.4-BK-HT	51550035332F	200
4	16.63	STLZ1550/4G-3.81-H-P1.4-BK-HT	51550045332F	200
5	20.44	STLZ1550/5G-3.81-H-P1.4-BK-HT	51550055332F	200
6	24.25	STLZ1550/6G-3.81-H-P1.4-BK-HT	51550065332E	100
7	28.06	STLZ1550/7G-3.81-H-P1.4-BK-HT	51550075332E	100
8	31.87	STLZ1550/8G-3.81-H-P1.4-BK-HT	51550085332D	50
9	35.68	STLZ1550/9G-3.81-H-P1.4-BK-HT	51550095332D	50
10	39.49	STLZ1550/10G-3.81-H-P1.4-BK-HT	51550105332D	50
11	43.30	STLZ1550/11G-3.81-H-P1.4-BK-HT	51550115332D	50
12	47.11	STLZ1550/12G-3.81-H-P1.4-BK-HT	51550125332D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-NATURAL-HT	50000000022

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3

STLZ1550/..G-3.81-H-P1.4-BK-HT



NEW



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

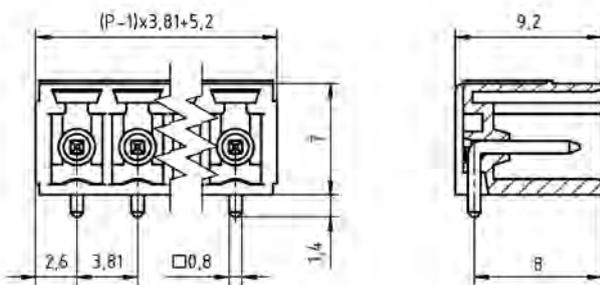
■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550 AKZ1700 AKZ1710 AKZ4551 AKZ4561



Order Data (Spacing 3.81 mm)

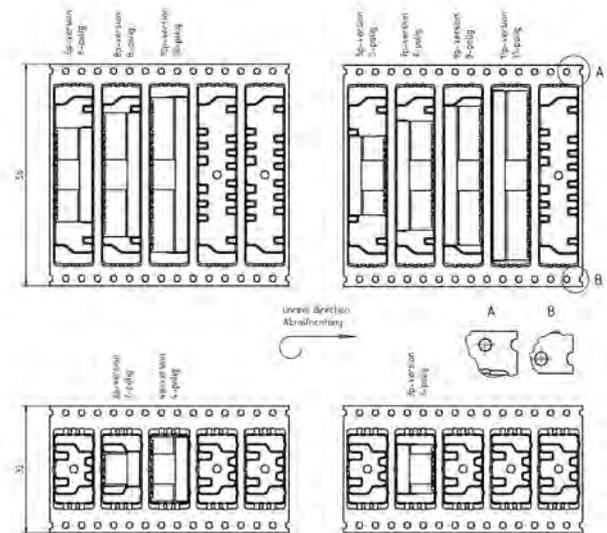
Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1550/2G-3.81-H-P1.4-BK-HT	51550025332R	470
3	12.82	STLZ1550/3G-3.81-H-P1.4-BK-HT	51550035332R	470
4	16.63	STLZ1550/4G-3.81-H-P1.4-BK-HT	51550045332R	470
5	20.44	STLZ1550/5G-3.81-H-P1.4-BK-HT	51550055332R	470
6	24.25	STLZ1550/6G-3.81-H-P1.4-BK-HT	51550065332R	470
7	28.06	STLZ1550/7G-3.81-H-P1.4-BK-HT	51550075332R	470
8	31.87	STLZ1550/8G-3.81-H-P1.4-BK-HT	51550085332R	470
9	35.68	STLZ1550/9G-3.81-H-P1.4-BK-HT	51550095332R	470
10	39.49	STLZ1550/10G-3.81-H-P1.4-BK-HT	51550105332R	470
11	43.30	STLZ1550/11G-3.81-H-P1.4-BK-HT	51550115332R	470

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-NATURAL-HT	50000000022

Tape on Reel

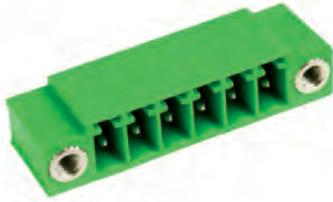
Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-4	13	32	12	470
5-11	13	56	12	470



Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Oversoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



STL1550/..F-3.5-H-GREEN STLZ1550/..F-3.81-H-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	BASALT GREY, RAL 7012		LIGHT GREEN, similar RAL 6018

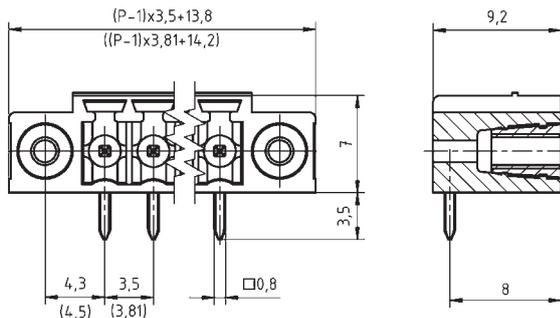
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Terminal Block				
AK1550	AK1700	AK1710	AK4551	AK4561

Counterparts (Spacing 3.81 mm)

Terminal Block				
AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.30	STL1550/2F-3.5-H-GREEN	51550026001E	100
3	20.80	STL1550/3F-3.5-H-GREEN	51550036001E	100
4	24.30	STL1550/4F-3.5-H-GREEN	51550046001E	100
5	27.80	STL1550/5F-3.5-H-GREEN	51550056001D	50
6	31.30	STL1550/6F-3.5-H-GREEN	51550066001D	50
7	34.80	STL1550/7F-3.5-H-GREEN	51550076001D	50
8	38.30	STL1550/8F-3.5-H-GREEN	51550086001D	50
9	41.80	STL1550/9F-3.5-H-GREEN	51550096001D	50
...
20	80.30	STL1550/20F-3.5-H-GREEN	51550206001D	50

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	18.01	STLZ1550/2F-3.81-H-GREEN	51550026025E	100
3	21.82	STLZ1550/3F-3.81-H-GREEN	51550036025E	100
4	25.63	STLZ1550/4F-3.81-H-GREEN	51550046025E	100
5	29.44	STLZ1550/5F-3.81-H-GREEN	51550056025D	50
6	33.25	STLZ1550/6F-3.81-H-GREEN	51550066025D	50
7	37.06	STLZ1550/7F-3.81-H-GREEN	51550076025D	50
8	40.87	STLZ1550/8F-3.81-H-GREEN	51550086025D	50
9	44.68	STLZ1550/9F-3.81-H-GREEN	51550096025D	50
...
20	86.59	STLZ1550/20F-3.81-H-GREEN	51550206025D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	50000000023

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3

STLZ1550/..F-3.81-H-P1.4-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.81 mm)

Terminal Block				
AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561

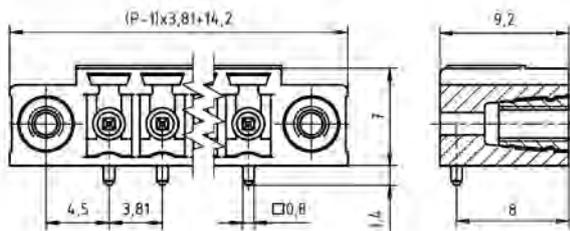
Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	18.01	STLZ1550/2F-3.81-H-P1.4-BK-HT	51550026332E	100
3	21.82	STLZ1550/3F-3.81-H-P1.4-BK-HT	51550036332E	100
4	25.63	STLZ1550/4F-3.81-H-P1.4-BK-HT	51550046332E	100
5	29.44	STLZ1550/5F-3.81-H-P1.4-BK-HT	51550056332E	100
6	33.25	STLZ1550/6F-3.81-H-P1.4-BK-HT	51550066332D	50
7	37.06	STLZ1550/7F-3.81-H-P1.4-BK-HT	51550076332D	50
8	40.87	STLZ1550/8F-3.81-H-P1.4-BK-HT	51550086332D	50
9	44.68	STLZ1550/9F-3.81-H-P1.4-BK-HT	51550096332D	50
10	48.49	STLZ1550/10F-3.81-H-P1.4-BK-HT	51550106332D	50
11	52.30	STLZ1550/11F-3.81-H-P1.4-BK-HT	51550116332D	50
12	56.11	STLZ1550/12F-3.81-H-P1.4-BK-HT	51550126332D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-NATURAL-HT	50000000022

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usecgroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



STLZ1550/..F-3.81-H-P1.4-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

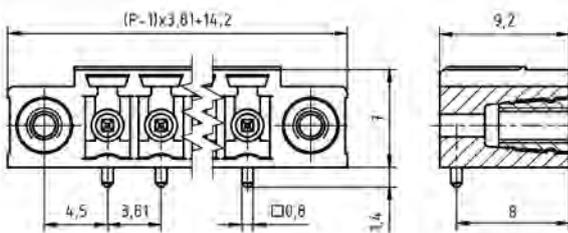
■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550 AKZ1700 AKZ1710 AKZ4551 AKZ4561



Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	18.01	STLZ1550/2F-3.81-H-P1.4-BK-HT	51550026332R	470
3	21.82	STLZ1550/3F-3.81-H-P1.4-BK-HT	51550036332R	470
4	25.63	STLZ1550/4F-3.81-H-P1.4-BK-HT	51550046332R	470
5	29.44	STLZ1550/5F-3.81-H-P1.4-BK-HT	51550056332R	470
6	33.25	STLZ1550/6F-3.81-H-P1.4-BK-HT	51550066332R	470
7	37.06	STLZ1550/7F-3.81-H-P1.4-BK-HT	51550076332R	470
8	40.87	STLZ1550/8F-3.81-H-P1.4-BK-HT	51550086332R	470
9	44.68	STLZ1550/9F-3.81-H-P1.4-BK-HT	51550096332R	470

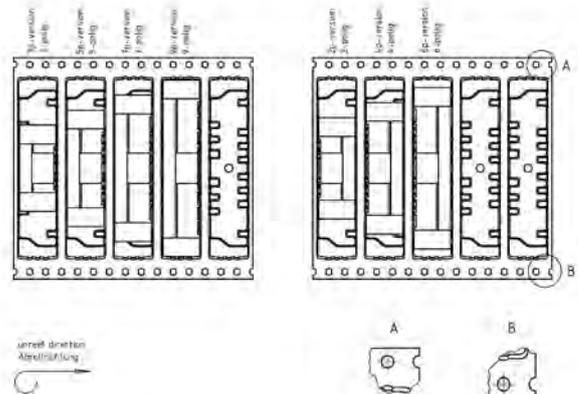
Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-NATURAL-HT	50000000022

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-9	13	56	12	470



Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3

STLZ1570/..G-3.81-V-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

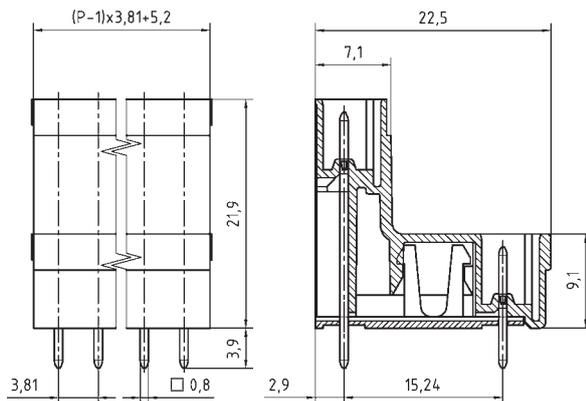
Colours

GREEN, RAL 6018
 LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.81 mm)

Terminal Block				
AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561



Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1570/2G-3.81-V-GREEN	51570025121E	100
3	12.82	STLZ1570/3G-3.81-V-GREEN	51570035121E	100
4	16.63	STLZ1570/4G-3.81-V-GREEN	51570045121E	100
5	20.44	STLZ1570/5G-3.81-V-GREEN	51570055121E	100
6	24.25	STLZ1570/6G-3.81-V-GREEN	51570065121E	100
7	28.06	STLZ1570/7G-3.81-V-GREEN	51570075121D	50
8	31.87	STLZ1570/8G-3.81-V-GREEN	51570085121D	50
9	35.68	STLZ1570/9G-3.81-V-GREEN	51570095121D	50
10	39.49	STLZ1570/10G-3.81-V-GREEN	51570105121D	50
11	43.30	STLZ1570/11G-3.81-V-GREEN	51570115121D	50
12	47.11	STLZ1570/12G-3.81-V-GREEN	51570125121D	50
13	50.92	STLZ1570/13G-3.81-V-GREEN	51570135121D	50
14	54.73	STLZ1570/14G-3.81-V-GREEN	51570145121D	50
15	58.54	STLZ1570/15G-3.81-V-GREEN	51570155121D	50
16	62.35	STLZ1570/16G-3.81-V-GREEN	51570165121D	50
17	66.16	STLZ1570/17G-3.81-V-GREEN	51570175121D	50
18	69.97	STLZ1570/18G-3.81-V-GREEN	51570185121D	50
19	73.78	STLZ1570/19G-3.81-V-GREEN	51570195121D	50
20	77.59	STLZ1570/20G-3.81-V-GREEN	51570205121D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	50000000023

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



STLZ1570/..G-3.81-H-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

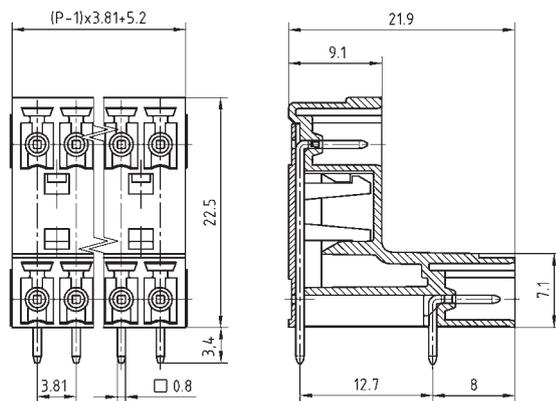
 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550 AKZ1700 AKZ1710 AKZ4551 AKZ4561



Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1570/2G-3.81-H-GREEN	51570025021E	100
3	12.82	STLZ1570/3G-3.81-H-GREEN	51570035021E	100
4	16.63	STLZ1570/4G-3.81-H-GREEN	51570045021E	100
5	20.44	STLZ1570/5G-3.81-H-GREEN	51570055021E	100
6	24.25	STLZ1570/6G-3.81-H-GREEN	51570065021E	100
7	28.06	STLZ1570/7G-3.81-H-GREEN	51570075021D	50
8	31.87	STLZ1570/8G-3.81-H-GREEN	51570085021D	50
9	35.68	STLZ1570/9G-3.81-H-GREEN	51570095021D	50
10	39.49	STLZ1570/10G-3.81-H-GREEN	51570105021D	50
11	43.30	STLZ1570/11G-3.81-H-GREEN	51570115021D	50
12	47.11	STLZ1570/12G-3.81-H-GREEN	51570125021D	50
13	50.92	STLZ1570/13G-3.81-H-GREEN	51570135021D	50
14	54.73	STLZ1570/14G-3.81-H-GREEN	51570145021D	50
15	58.54	STLZ1570/15G-3.81-H-GREEN	51570155021D	50
16	62.35	STLZ1570/16G-3.81-H-GREEN	51570165021D	50
17	66.16	STLZ1570/17G-3.81-H-GREEN	51570175021D	50
18	69.97	STLZ1570/18G-3.81-H-GREEN	51570185021D	50
19	73.78	STLZ1570/19G-3.81-H-GREEN	51570195021D	50
20	77.59	STLZ1570/20G-3.81-H-GREEN	51570205021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	50000000023

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3

STLZ1570/..F-3.81-V-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

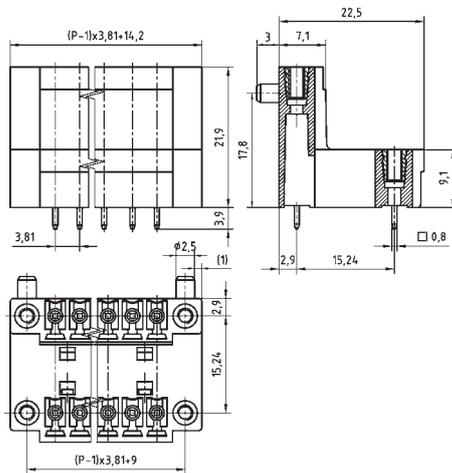
GREEN, RAL 6018

LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.81 mm)

Terminal Block				
AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561



Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	18.01	STLZ1570/2F-3.81-V-GREEN	51570026121D	50
3	21.82	STLZ1570/3F-3.81-V-GREEN	51570036121D	50
4	25.63	STLZ1570/4F-3.81-V-GREEN	51570046121D	50
5	29.44	STLZ1570/5F-3.81-V-GREEN	51570056121D	50
6	33.25	STLZ1570/6F-3.81-V-GREEN	51570066121D	50
7	37.06	STLZ1570/7F-3.81-V-GREEN	51570076121D	50
8	40.87	STLZ1570/8F-3.81-V-GREEN	51570086121D	50
9	44.68	STLZ1570/9F-3.81-V-GREEN	51570096121D	50
10	48.49	STLZ1570/10F-3.81-V-GREEN	51570106121D	50
11	52.30	STLZ1570/11F-3.81-V-GREEN	51570116121D	50
12	56.11	STLZ1570/12F-3.81-V-GREEN	51570126121D	50
13	59.92	STLZ1570/13F-3.81-V-GREEN	51570136121D	50
14	63.73	STLZ1570/14F-3.81-V-GREEN	51570146121D	50
15	67.54	STLZ1570/15F-3.81-V-GREEN	51570156121D	50
16	71.35	STLZ1570/16F-3.81-V-GREEN	51570166121D	50
17	75.16	STLZ1570/17F-3.81-V-GREEN	51570176121D	50
18	78.97	STLZ1570/18F-3.81-V-GREEN	51570186121D	50
19	82.78	STLZ1570/19F-3.81-V-GREEN	51570196121D	50
20	86.59	STLZ1570/20F-3.81-V-GREEN	51570206121D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	50000000023

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



STLZ1570/..F-3.81-H-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550 AKZ1700 AKZ1710 AKZ4551 AKZ4561

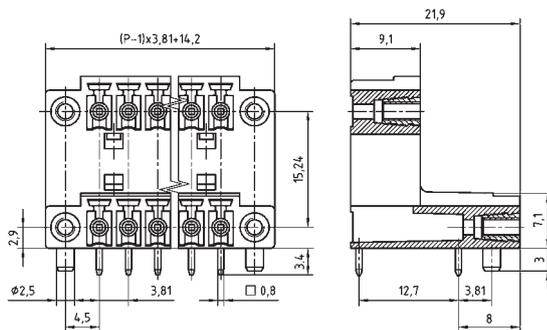
Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	18.01	STLZ1570/2F-3.81-H-GREEN	51570026021D	50
3	21.82	STLZ1570/3F-3.81-H-GREEN	51570036021D	50
4	25.63	STLZ1570/4F-3.81-H-GREEN	51570046021D	50
5	29.44	STLZ1570/5F-3.81-H-GREEN	51570056021D	50
6	33.25	STLZ1570/6F-3.81-H-GREEN	51570066021D	50
7	37.06	STLZ1570/7F-3.81-H-GREEN	51570076021D	50
8	40.87	STLZ1570/8F-3.81-H-GREEN	51570086021D	50
9	44.68	STLZ1570/9F-3.81-H-GREEN	51570096021D	50
10	48.49	STLZ1570/10F-3.81-H-GREEN	51570106021D	50
11	52.30	STLZ1570/11F-3.81-H-GREEN	51570116021D	50
12	56.11	STLZ1570/12F-3.81-H-GREEN	51570126021D	50
13	59.92	STLZ1570/13F-3.81-H-GREEN	51570136021D	50
14	63.73	STLZ1570/14F-3.81-H-GREEN	51570146021D	50
15	67.54	STLZ1570/15F-3.81-H-GREEN	51570156021D	50
16	71.35	STLZ1570/16F-3.81-H-GREEN	51570166021D	50
17	75.16	STLZ1570/17F-3.81-H-GREEN	51570176021D	50
18	78.97	STLZ1570/18F-3.81-H-GREEN	51570186021D	50
19	82.78	STLZ1570/19F-3.81-H-GREEN	51570196021D	50
20	86.59	STLZ1570/20F-3.81-H-GREEN	51570206021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	50000000023

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3

STLZ1590/..G-3.81-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

GREEN, RAL 6018
 LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.81 mm)

Terminal Block				
AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561

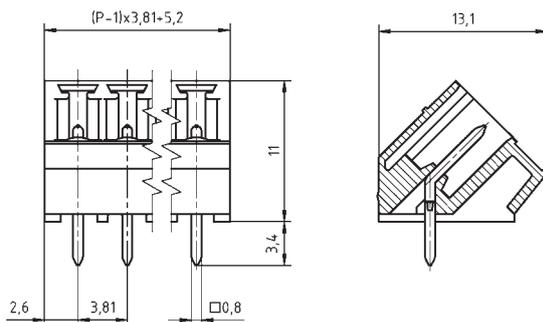
Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1590/2G-3.81-GREEN	51590025121F	200
3	12.82	STLZ1590/3G-3.81-GREEN	51590035121F	200
4	16.63	STLZ1590/4G-3.81-GREEN	51590045121F	200
5	20.44	STLZ1590/5G-3.81-GREEN	51590055121F	200
6	24.25	STLZ1590/6G-3.81-GREEN	51590065121E	100
7	28.06	STLZ1590/7G-3.81-GREEN	51590075121E	100
8	31.87	STLZ1590/8G-3.81-GREEN	51590085121D	50
9	35.68	STLZ1590/9G-3.81-GREEN	51590095121D	50
10	39.49	STLZ1590/10G-3.81-GREEN	51590105121D	50
11	43.30	STLZ1590/11G-3.81-GREEN	51590115121D	50
12	47.11	STLZ1590/12G-3.81-GREEN	51590125121D	50
13	50.92	STLZ1590/13G-3.81-GREEN	51590135121D	50
14	54.73	STLZ1590/14G-3.81-GREEN	51590145121D	50
15	58.54	STLZ1590/15G-3.81-GREEN	51590155121D	50
16	62.35	STLZ1590/16G-3.81-GREEN	51590165121D	50
17	66.16	STLZ1590/17G-3.81-GREEN	51590175121D	50
18	69.97	STLZ1590/18G-3.81-GREEN	51590185121D	50
19	73.78	STLZ1590/19G-3.81-GREEN	51590195121D	50
20	77.59	STLZ1590/20G-3.81-GREEN	51590205121D	50

Accessories

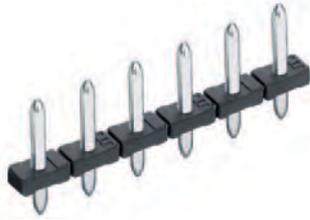
Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	50000000023

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV
Pollution Degree				3



STL130/..-5.0-V-BLACK STLZ130/..-5.08-V-BLACK

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.5 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

Colours

	BLACK, RAL 9011		LIGHT GREY, RAL 7035
	GREEN, RAL 6018		ORANGE, RAL 2011
	RED, RAL 3003		BLUE, RAL 5015
	YELLOW, RAL 1018		LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

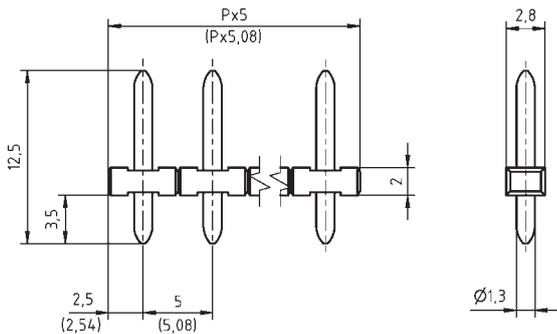
Terminal Block

AK130

Counterparts (Spacing 5.08 mm)

Terminal Block

AKZ130



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL130/2-5.0-V-BLACK	50130025001H	500
3	15.00	STL130/3-5.0-V-BLACK	50130035001H	500
4	20.00	STL130/4-5.0-V-BLACK	50130045001H	500
5	25.00	STL130/5-5.0-V-BLACK	50130055001G	250
6	30.00	STL130/6-5.0-V-BLACK	50130065001G	250
7	35.00	STL130/7-5.0-V-BLACK	50130075001G	250
8	40.00	STL130/8-5.0-V-BLACK	50130085001E	100
9	45.00	STL130/9-5.0-V-BLACK	50130095001E	100
...
24	120.00	STL130/24-5.0-V-BLACK	50130245001D	50

Colour: 2- to 12-poles available
Black: 2- to 24-poles available

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ130/2-5.08-V-BLACK	50130025051H	500
3	15.24	STLZ130/3-5.08-V-BLACK	50130035051H	500
4	20.32	STLZ130/4-5.08-V-BLACK	50130045051H	500
5	25.40	STLZ130/5-5.08-V-BLACK	50130055051G	250
6	30.48	STLZ130/6-5.08-V-BLACK	50130065051G	250
7	35.56	STLZ130/7-5.08-V-BLACK	50130075051G	250
8	40.64	STLZ130/8-5.08-V-BLACK	50130085051E	100
9	45.72	STLZ130/9-5.08-V-BLACK	50130095051E	100
...
16	81.28	STLZ130/16-5.08-V-BLACK	50130165051D	50

Black: 2- to 16-poles available

Ratings

Usegroup	c ALUS			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	10 A	10 A	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL130/..-5.0-V-P3.5-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.5 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

Colours

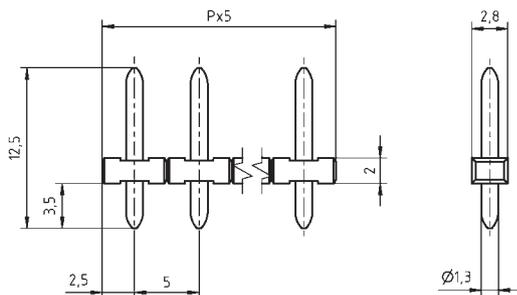
■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block

AK130



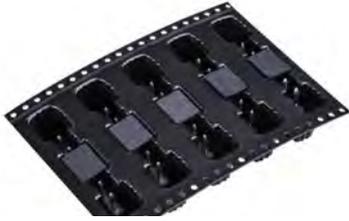
Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL130/2-5.0-V-P3.5-BK-HT	50130025031H	500
3	15.00	STL130/3-5.0-V-P3.5-BK-HT	50130035031H	500
4	20.00	STL130/4-5.0-V-P3.5-BK-HT	50130045031H	500
5	25.00	STL130/5-5.0-V-P3.5-BK-HT	50130055031G	250
6	30.00	STL130/6-5.0-V-P3.5-BK-HT	50130065031G	250
7	35.00	STL130/7-5.0-V-P3.5-BK-HT	50130075031G	250
8	40.00	STL130/8-5.0-V-P3.5-BK-HT	50130085031E	100
9	45.00	STL130/9-5.0-V-P3.5-BK-HT	50130095031E	100
10	50.00	STL130/10-5.0-V-P3.5-BK-HT	50130105031E	100
11	55.00	STL130/11-5.0-V-P3.5-BK-HT	50130115031E	100
12	60.00	STL130/12-5.0-V-P3.5-BK-HT	50130125031E	100
13	65.00	STL130/13-5.0-V-P3.5-BK-HT	50130135031E	100
14	70.00	STL130/14-5.0-V-P3.5-BK-HT	50130145031E	100
15	75.00	STL130/15-5.0-V-P3.5-BK-HT	50130155031E	100
16	80.00	STL130/16-5.0-V-P3.5-BK-HT	50130165031E	100
17	85.00	STL130/17-5.0-V-P3.5-BK-HT	50130175031D	50
18	90.00	STL130/18-5.0-V-P3.5-BK-HT	50130185031D	50
19	95.00	STL130/19-5.0-V-P3.5-BK-HT	50130195031D	50
20	100.00	STL130/20-5.0-V-P3.5-BK-HT	50130205031D	50
21	105.00	STL130/21-5.0-V-P3.5-BK-HT	50130215031D	50
22	110.00	STL130/22-5.0-V-P3.5-BK-HT	50130225031D	50
23	115.00	STL130/23-5.0-V-P3.5-BK-HT	50130235031D	50
24	120.00	STL130/24-5.0-V-P3.5-BK-HT	50130245031D	50

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	10 A	10 A	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				2



STL130/..-5.0-V-P3.5-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.5 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

Colours

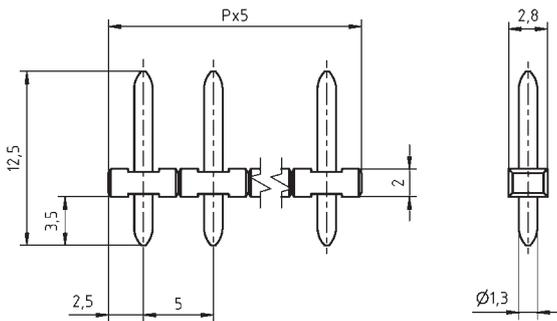
■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block

AK130

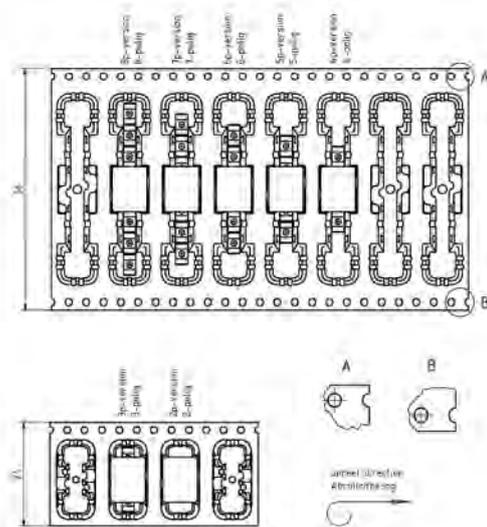


Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL130/2-5.0-V-P3.5-BK-HT	50130025031R	330
3	15.00	STL130/3-5.0-V-P3.5-BK-HT	50130035031R	330
4	20.00	STL130/4-5.0-V-P3.5-BK-HT	50130045031R	250
5	25.00	STL130/5-5.0-V-P3.5-BK-HT	50130055031R	250
6	30.00	STL130/6-5.0-V-P3.5-BK-HT	50130065031R	250
7	35.00	STL130/7-5.0-V-P3.5-BK-HT	50130075031R	250
8	40.00	STL130/8-5.0-V-P3.5-BK-HT	50130085031R	250

Tape on Reel

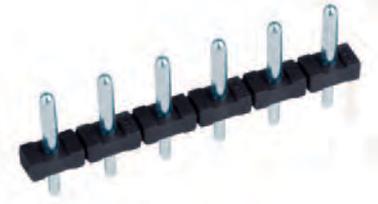
Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-3	13	24	12	330
4-8	13	56	16	250



Ratings

Usegroup	c RL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	10 A	10 A	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				2

STL132/..-5.0-V-BLACK



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

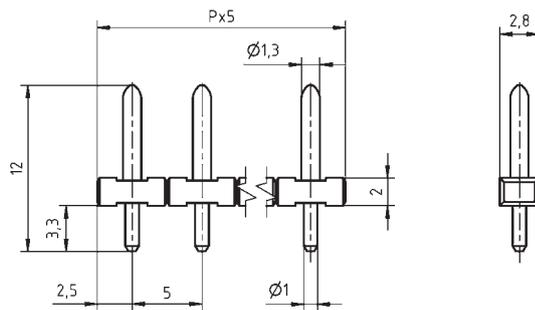
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK130



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL132/2-5.0-V-BLACK	50132025001H	500
3	15.00	STL132/3-5.0-V-BLACK	50132035001H	500
4	20.00	STL132/4-5.0-V-BLACK	50132045001H	500
5	25.00	STL132/5-5.0-V-BLACK	50132055001G	250
6	30.00	STL132/6-5.0-V-BLACK	50132065001G	250
7	35.00	STL132/7-5.0-V-BLACK	50132075001G	250
8	40.00	STL132/8-5.0-V-BLACK	50132085001E	100
9	45.00	STL132/9-5.0-V-BLACK	50132095001E	100
10	50.00	STL132/10-5.0-V-BLACK	50132105001E	100
11	55.00	STL132/11-5.0-V-BLACK	50132115001E	100
12	60.00	STL132/12-5.0-V-BLACK	50132125001E	100
13	65.00	STL132/13-5.0-V-BLACK	50132135001E	100
14	70.00	STL132/14-5.0-V-BLACK	50132145001E	100
15	75.00	STL132/15-5.0-V-BLACK	50132155001E	100
16	80.00	STL132/16-5.0-V-BLACK	50132165001E	100
17	85.00	STL132/17-5.0-V-BLACK	50132175001D	50
18	90.00	STL132/18-5.0-V-BLACK	50132185001D	50
19	95.00	STL132/19-5.0-V-BLACK	50132195001D	50
20	100.00	STL132/20-5.0-V-BLACK	50132205001D	50
21	105.00	STL132/21-5.0-V-BLACK	50132215001D	50
22	110.00	STL132/22-5.0-V-BLACK	50132225001D	50
23	115.00	STL132/23-5.0-V-BLACK	50132235001D	50
24	120.00	STL132/24-5.0-V-BLACK	50132245001D	50

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				3

STL132/..-5.0-V-P3.3-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

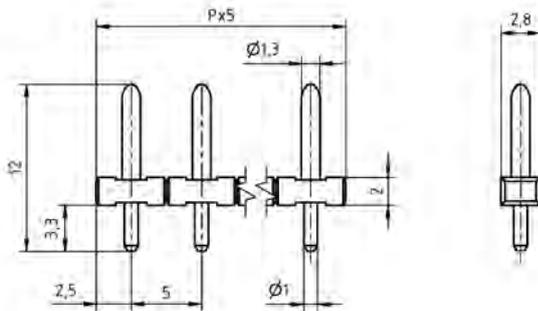
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK130



Order Data (Spacing 5.0 mm)

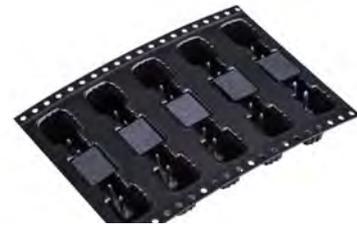
Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL132/2-5.0-V-P3.3-BK-HT	50132025031H	500
3	15.00	STL132/3-5.0-V-P3.3-BK-HT	50132035031H	500
4	20.00	STL132/4-5.0-V-P3.3-BK-HT	50132045031H	500
5	25.00	STL132/5-5.0-V-P3.3-BK-HT	50132055031G	250
6	30.00	STL132/6-5.0-V-P3.3-BK-HT	50132065031G	250
7	35.00	STL132/7-5.0-V-P3.3-BK-HT	50132075031G	250
8	40.00	STL132/8-5.0-V-P3.3-BK-HT	50132085031E	100
9	45.00	STL132/9-5.0-V-P3.3-BK-HT	50132095031E	100
10	50.00	STL132/10-5.0-V-P3.3-BK-HT	50132105031E	100
11	55.00	STL132/11-5.0-V-P3.3-BK-HT	50132115031E	100
12	60.00	STL132/12-5.0-V-P3.3-BK-HT	50132125031E	100
13	65.00	STL132/13-5.0-V-P3.3-BK-HT	50132135031E	100
14	70.00	STL132/14-5.0-V-P3.3-BK-HT	50132145031E	100
15	75.00	STL132/15-5.0-V-P3.3-BK-HT	50132155031E	100
16	80.00	STL132/16-5.0-V-P3.3-BK-HT	50132165031E	100
17	85.00	STL132/17-5.0-V-P3.3-BK-HT	50132175031D	50
18	90.00	STL132/18-5.0-V-P3.3-BK-HT	50132185031D	50
19	95.00	STL132/19-5.0-V-P3.3-BK-HT	50132195031D	50
20	100.00	STL132/20-5.0-V-P3.3-BK-HT	50132205031D	50
21	105.00	STL132/21-5.0-V-P3.3-BK-HT	50132215031D	50
22	110.00	STL132/22-5.0-V-P3.3-BK-HT	50132225031D	50
23	115.00	STL132/23-5.0-V-P3.3-BK-HT	50132235031D	50
24	120.00	STL132/24-5.0-V-P3.3-BK-HT	50132245031D	50

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				2

STL132/..-5.0-V-P3.3-BK-HT



NEW



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

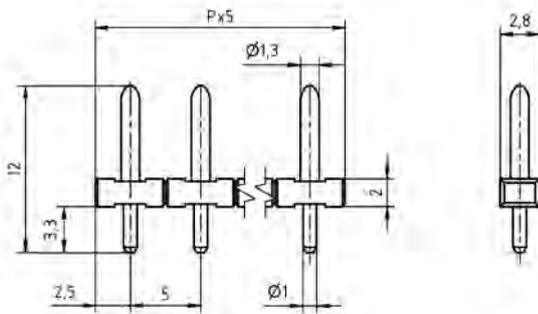
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK130

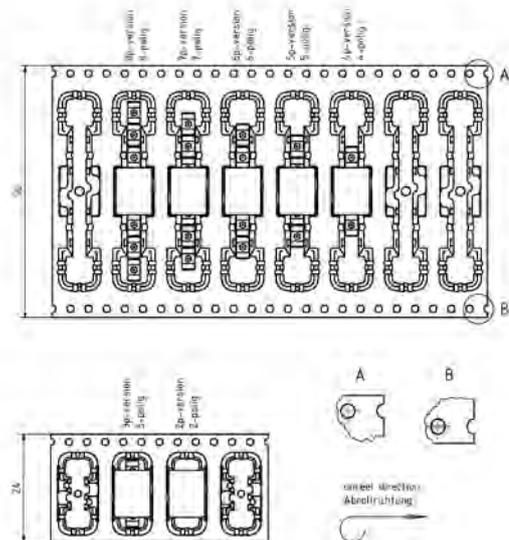


Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL132/2-5.0-V-P3.3-BK-HT	50132025031R	330
3	15.00	STL132/3-5.0-V-P3.3-BK-HT	50132035031R	330
4	20.00	STL132/4-5.0-V-P3.3-BK-HT	50132045031R	250
5	25.00	STL132/5-5.0-V-P3.3-BK-HT	50132055031R	250
6	30.00	STL132/6-5.0-V-P3.3-BK-HT	50132065031R	250
7	35.00	STL132/7-5.0-V-P3.3-BK-HT	50132075031R	250
8	40.00	STL132/8-5.0-V-P3.3-BK-HT	50132085031R	250

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-3	13	24	12	330
4-8	13	56	16	250



Ratings

Usegroup	C  US			
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				2

STL133/..-5.0-V-BLACK



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.5 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

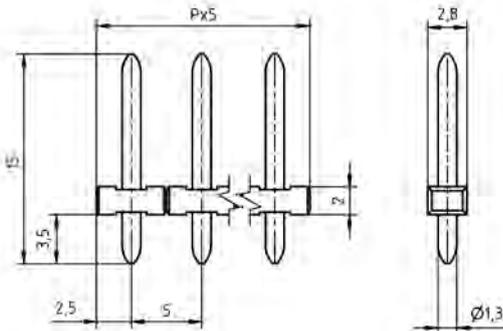
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK133



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL133/2-5.0-V-BLACK	50133025001H	500
3	15.00	STL133/3-5.0-V-BLACK	50133035001H	500
4	20.00	STL133/4-5.0-V-BLACK	50133045001H	500
5	25.00	STL133/5-5.0-V-BLACK	50133055001G	250
6	30.00	STL133/6-5.0-V-BLACK	50133065001G	250
7	35.00	STL133/7-5.0-V-BLACK	50133075001G	250
8	40.00	STL133/8-5.0-V-BLACK	50133085001E	100
9	45.00	STL133/9-5.0-V-BLACK	50133095001E	100
10	50.00	STL133/10-5.0-V-BLACK	50133105001E	100
11	55.00	STL133/11-5.0-V-BLACK	50133115001E	100
12	60.00	STL133/12-5.0-V-BLACK	50133125001E	100

Ratings

Usegroup				*
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	7 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				3

* Data according to EN 61984

STL133/..-5.0-V-P3.5-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.5 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

Colours

■ BLACK, RAL 9011

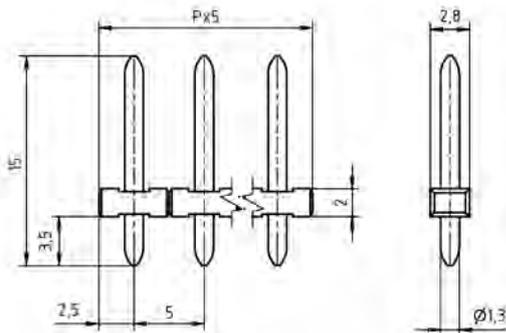
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK133

Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL133/2-5.0-V-P3.5-BK-HT	50133025031H	500
3	15.00	STL133/3-5.0-V-P3.5-BK-HT	50133035031H	500
4	20.00	STL133/4-5.0-V-P3.5-BK-HT	50133045031H	500
5	25.00	STL133/5-5.0-V-P3.5-BK-HT	50133055031G	250
6	30.00	STL133/6-5.0-V-P3.5-BK-HT	50133065031G	250
7	35.00	STL133/7-5.0-V-P3.5-BK-HT	50133075031G	250
8	40.00	STL133/8-5.0-V-P3.5-BK-HT	50133085031E	100
9	45.00	STL133/9-5.0-V-P3.5-BK-HT	50133095031E	100
10	50.00	STL133/10-5.0-V-P3.5-BK-HT	50133105031E	100
11	55.00	STL133/11-5.0-V-P3.5-BK-HT	50133115031E	100
12	60.00	STL133/12-5.0-V-P3.5-BK-HT	50133125031E	100



Ratings



*

Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				2

* Data according to EN 61984

STL136/..-5.0-V-BLACK



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

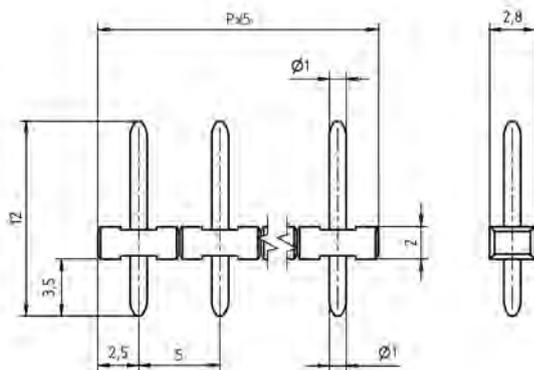
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL136/2-5.0-V-BLACK	50136025001H	500
3	15.00	STL136/3-5.0-V-BLACK	50136035001H	500
4	20.00	STL136/4-5.0-V-BLACK	50136045001H	500
5	25.00	STL136/5-5.0-V-BLACK	50136055001G	250
6	30.00	STL136/6-5.0-V-BLACK	50136065001G	250
7	35.00	STL136/7-5.0-V-BLACK	50136075001G	250
8	40.00	STL136/8-5.0-V-BLACK	50136085001E	100
9	45.00	STL136/9-5.0-V-BLACK	50136095001E	100
10	50.00	STL136/10-5.0-V-BLACK	50136105001E	100
11	55.00	STL136/11-5.0-V-BLACK	50136115001E	100
12	60.00	STL136/12-5.0-V-BLACK	50136125001E	100



Ratings

	*			**
Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	7 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				3

* Data according to UL 1059

** Data according to EN 61984

STL140/..-5.0-H-BLACK



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Stranded with Ferrule max		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	-
PCB Hole Diameter	1.5 mm	Peak Soldering Time, recommended	-
Materials			
Contact Pin	Brass		

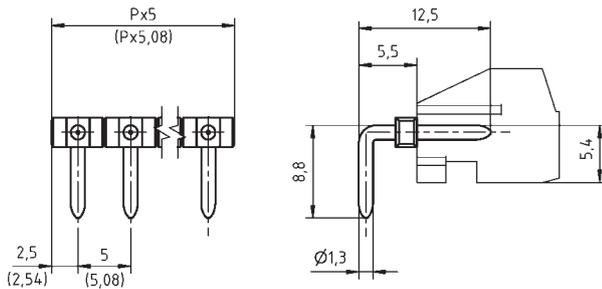
Colours

■ BLACK, RAL 9011	■ LIGHT GREY, RAL 7035
■ GREEN, RAL 6018	■ ORANGE, RAL 2011
■ RED, RAL 3003	■ BLUE, RAL 5015
■ YELLOW, RAL 1018	■ LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK130



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL140/2-5.0-H-BLACK	50140025001H	500
3	15.00	STL140/3-5.0-H-BLACK	50140035001H	500
4	20.00	STL140/4-5.0-H-BLACK	50140045001H	500
5	25.00	STL140/5-5.0-H-BLACK	50140055001G	250
6	30.00	STL140/6-5.0-H-BLACK	50140065001G	250
7	35.00	STL140/7-5.0-H-BLACK	50140075001G	250
8	40.00	STL140/8-5.0-H-BLACK	50140085001E	100
9	45.00	STL140/9-5.0-H-BLACK	50140095001E	100
10	50.00	STL140/10-5.0-H-BLACK	50140105001E	100
11	55.00	STL140/11-5.0-H-BLACK	50140115001E	100
12	60.00	STL140/12-5.0-H-BLACK	50140125001E	100
13	65.00	STL140/13-5.0-H-BLACK	50140135001E	100
14	70.00	STL140/14-5.0-H-BLACK	50140145001E	100
15	75.00	STL140/15-5.0-H-BLACK	50140155001E	100
16	80.00	STL140/16-5.0-H-BLACK	50140165001E	100
17	85.00	STL140/17-5.0-H-BLACK	50140175001D	50
18	90.00	STL140/18-5.0-H-BLACK	50140185001D	50
19	95.00	STL140/19-5.0-H-BLACK	50140195001D	50
20	100.00	STL140/20-5.0-H-BLACK	50140205001D	50
21	105.00	STL140/21-5.0-H-BLACK	50140215001D	50
22	110.00	STL140/22-5.0-H-BLACK	50140225001D	50
23	115.00	STL140/23-5.0-H-BLACK	50140235001D	50
24	120.00	STL140/24-5.0-H-BLACK	50140245001D	50

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				3

STL140/..-5.0-H-BLACK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.5 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

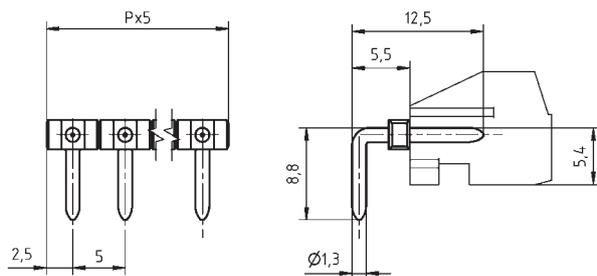
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK130



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL140/2-5.0-H-BLACK-HT	50140025101H	500
3	15.00	STL140/3-5.0-H-BLACK-HT	50140035101H	500
4	20.00	STL140/4-5.0-H-BLACK-HT	50140045101H	500
5	25.00	STL140/5-5.0-H-BLACK-HT	50140055101G	250
6	30.00	STL140/6-5.0-H-BLACK-HT	50140065101G	250
7	35.00	STL140/7-5.0-H-BLACK-HT	50140075101G	250
8	40.00	STL140/8-5.0-H-BLACK-HT	50140085101E	100
9	45.00	STL140/9-5.0-H-BLACK-HT	50140095101E	100
10	50.00	STL140/10-5.0-H-BLACK-HT	50140105101E	100
11	55.00	STL140/11-5.0-H-BLACK-HT	50140115101E	100
12	60.00	STL140/12-5.0-H-BLACK-HT	50140125101E	100
13	65.00	STL140/13-5.0-H-BLACK-HT	50140135101E	100
14	70.00	STL140/14-5.0-H-BLACK-HT	50140145101E	100
15	75.00	STL140/15-5.0-H-BLACK-HT	50140155101E	100
16	80.00	STL140/16-5.0-H-BLACK-HT	50140165101E	100
17	85.00	STL140/17-5.0-H-BLACK-HT	50140175101D	50
18	90.00	STL140/18-5.0-H-BLACK-HT	50140185101D	50
19	95.00	STL140/19-5.0-H-BLACK-HT	50140195101D	50
20	100.00	STL140/20-5.0-H-BLACK-HT	50140205101D	50
21	105.00	STL140/21-5.0-H-BLACK-HT	50140215101D	50
22	110.00	STL140/22-5.0-H-BLACK-HT	50140225101D	50

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	300 V	200 V
Rated Current	10 A	-	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..-5.0-V-GREEN STLZ950/..-5.08-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	-
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	-
Materials			
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	BASALT GREY, RAL 7012		LIGHT GREY, RAL 7035
	LIGHT GREEN, similar RAL 6018		

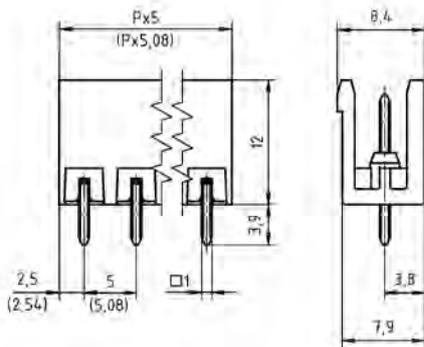
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block					
AK950	AK955	AK1100	AK1110	AK3950	AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block					
STLZ950-INV AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-V-GREEN	50950025111F	200
3	15.00	STL950/3-5.0-V-GREEN	50950035111F	200
4	20.00	STL950/4-5.0-V-GREEN	50950045111F	200
5	25.00	STL950/5-5.0-V-GREEN	50950055111E	100
6	30.00	STL950/6-5.0-V-GREEN	50950065111E	100
7	35.00	STL950/7-5.0-V-GREEN	50950075111E	100
8	40.00	STL950/8-5.0-V-GREEN	50950085111D	50
9	45.00	STL950/9-5.0-V-GREEN	50950095111D	50
...
24	120.00	STL950/24-5.0-V-GREEN	50950245111D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-V-GREEN	50950025131F	200
3	15.24	STLZ950/3-5.08-V-GREEN	50950035131F	200
4	20.32	STLZ950/4-5.08-V-GREEN	50950045131F	200
5	25.40	STLZ950/5-5.08-V-GREEN	50950055131E	100
6	30.48	STLZ950/6-5.08-V-GREEN	50950065131E	100
7	35.56	STLZ950/7-5.08-V-GREEN	50950075131E	100
8	40.64	STLZ950/8-5.08-V-GREEN	50950085131D	50
9	45.72	STLZ950/9-5.08-V-GREEN	50950095131D	50
...
24	121.92	STLZ950/24-5.08-V-GREEN	50950245131D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	ALUS			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

Pin Strip | Spacing 5.0 mm / 5.08 mm

STL950/..-5.0-V-P2.6-BK-HT STLZ950/..-5.08-V-P2.6-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

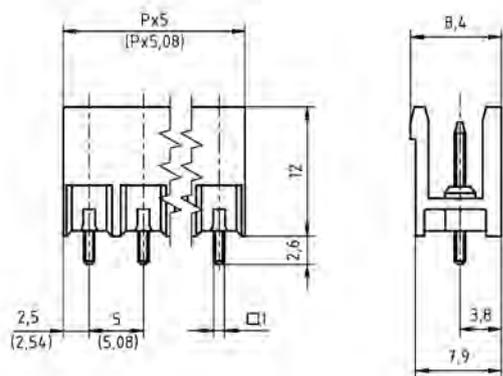
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block					
AK950	AK955	AK1100	AK1110	AK3950	AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block					
STLZ950-INV	AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-V-P2.6-BK-HT	50950025397F	200
3	15.00	STL950/3-5.0-V-P2.6-BK-HT	50950035397F	200
4	20.00	STL950/4-5.0-V-P2.6-BK-HT	50950045397F	200
5	25.00	STL950/5-5.0-V-P2.6-BK-HT	50950055397E	100
6	30.00	STL950/6-5.0-V-P2.6-BK-HT	50950065397E	100
7	35.00	STL950/7-5.0-V-P2.6-BK-HT	50950075397E	100
8	40.00	STL950/8-5.0-V-P2.6-BK-HT	50950085397D	50
9	45.00	STL950/9-5.0-V-P2.6-BK-HT	50950095397D	50
...
12	60.00	STL950/12-5.0-V-P2.6-BK-HT	50950125397D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-V-P2.6-BK-HT	50950025377F	200
3	15.24	STLZ950/3-5.08-V-P2.6-BK-HT	50950035377F	200
4	20.32	STLZ950/4-5.08-V-P2.6-BK-HT	50950045377F	200
5	25.40	STLZ950/5-5.08-V-P2.6-BK-HT	50950055377E	100
6	30.48	STLZ950/6-5.08-V-P2.6-BK-HT	50950065377E	100
7	35.56	STLZ950/7-5.08-V-P2.6-BK-HT	50950075377E	100
8	40.64	STLZ950/8-5.08-V-P2.6-BK-HT	50950085377D	50
9	45.72	STLZ950/9-5.08-V-P2.6-BK-HT	50950095377D	50
...
12	60.96	STLZ950/12-5.08-V-P2.6-BK-HT	50950125377D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..-5.0-V-P2.6-BK-HT STLZ950/..-5.08-V-P2.6-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Temperatures		Wave Soldering Process	
Stranded (flexible) min	-	Operating Temperature	-30 °C - 105 °C
Stranded (flexible) max	-	Soldering Temperature, recommended	265 °C
Stranded with Ferrule min	-	Peak Soldering Time, recommended	3 s / 10 s
Stranded with Ferrule max	-	Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	60 s
Materials			
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

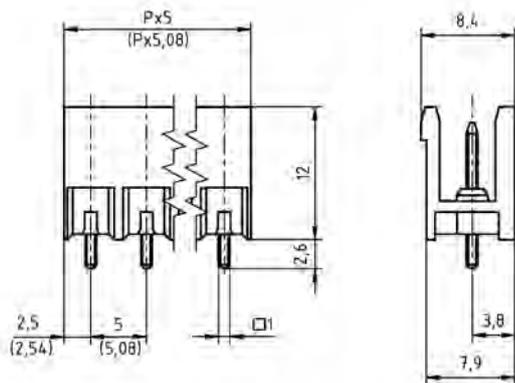
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block					
AK950	AK955	AK1100	AK1110	AK3950	AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block					
STLZ950-INV AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-V-P2.6-BK-HT	50950025397R	140
3	15.00	STL950/3-5.0-V-P2.6-BK-HT	50950035397R	140
4	20.00	STL950/4-5.0-V-P2.6-BK-HT	50950045397R	140
5	25.00	STL950/5-5.0-V-P2.6-BK-HT	50950055397R	140
6	30.00	STL950/6-5.0-V-P2.6-BK-HT	50950065397R	140
7	35.00	STL950/7-5.0-V-P2.6-BK-HT	50950075397R	140
8	40.00	STL950/8-5.0-V-P2.6-BK-HT	50950085397R	140

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-V-P2.6-BK-HT	50950025377R	140
3	15.24	STLZ950/3-5.08-V-P2.6-BK-HT	50950035377R	140
4	20.32	STLZ950/4-5.08-V-P2.6-BK-HT	50950045377R	140
5	25.40	STLZ950/5-5.08-V-P2.6-BK-HT	50950055377R	140
6	30.48	STLZ950/6-5.08-V-P2.6-BK-HT	50950065377R	140
7	35.56	STLZ950/7-5.08-V-P2.6-BK-HT	50950075377R	140
8	40.64	STLZ950/8-5.08-V-P2.6-BK-HT	50950085377R	140

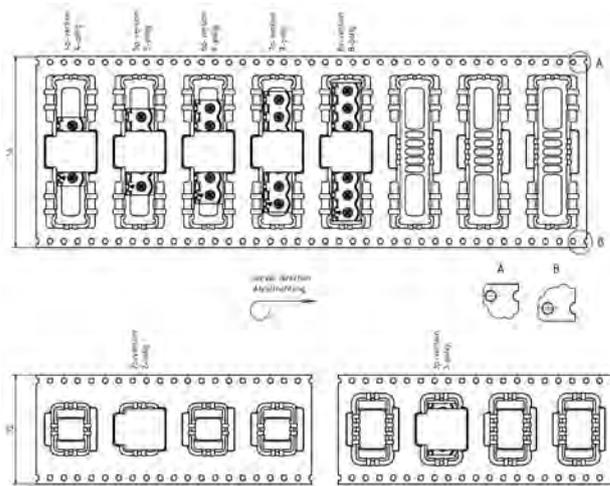
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-3	13	32	20	140
4-8	13	56	20	140



Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..-5.0-V-GREEN-HC STLZ950/..-5.08-V-GREEN-HC



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	PEBBLE GREY, RAL 7032		LIGHT GREEN, similar RAL 6018

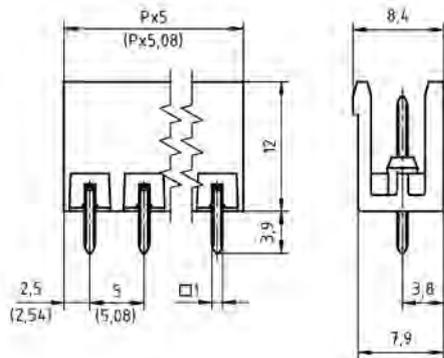
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-V-GREEN-HC	50950025119F	200
3	15.00	STL950/3-5.0-V-GREEN-HC	50950035119F	200
4	20.00	STL950/4-5.0-V-GREEN-HC	50950045119F	200
5	25.00	STL950/5-5.0-V-GREEN-HC	50950055119E	100
6	30.00	STL950/6-5.0-V-GREEN-HC	50950065119E	100
7	35.00	STL950/7-5.0-V-GREEN-HC	50950075119E	100
8	40.00	STL950/8-5.0-V-GREEN-HC	50950085119D	50
9	45.00	STL950/9-5.0-V-GREEN-HC	50950095119D	50
...
12	60.00	STL950/12-5.0-V-GREEN-HC	50950125119D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-V-GREEN-HC	50950025139F	200
3	15.24	STLZ950/3-5.08-V-GREEN-HC	50950035139F	200
4	20.32	STLZ950/4-5.08-V-GREEN-HC	50950045139F	200
5	25.40	STLZ950/5-5.08-V-GREEN-HC	50950055139E	100
6	30.48	STLZ950/6-5.08-V-GREEN-HC	50950065139E	100
7	35.56	STLZ950/7-5.08-V-GREEN-HC	50950075139E	100
8	40.64	STLZ950/8-5.08-V-GREEN-HC	50950085139D	50
9	45.72	STLZ950/9-5.08-V-GREEN-HC	50950095139D	50
...
12	60.96	STLZ950/12-5.08-V-GREEN-HC	50950125139D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



Pin Strip | Spacing 5.0 mm / 5.08 mm

STL950/..-5.0-V-P2.6-BK-HC-HT

STLZ950/..-5.08-V-P2.6-BK-HC-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

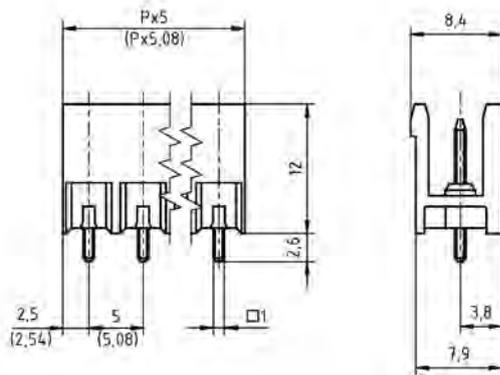
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-V-P2.6-BK-HC-HT	50950025389F	200
3	15.00	STL950/3-5.0-V-P2.6-BK-HC-HT	50950035389F	200
4	20.00	STL950/4-5.0-V-P2.6-BK-HC-HT	50950045389F	200
5	25.00	STL950/5-5.0-V-P2.6-BK-HC-HT	50950055389E	100
6	30.00	STL950/6-5.0-V-P2.6-BK-HC-HT	50950065389E	100
7	35.00	STL950/7-5.0-V-P2.6-BK-HC-HT	50950075389E	100
8	40.00	STL950/8-5.0-V-P2.6-BK-HC-HT	50950085389D	50
9	45.00	STL950/9-5.0-V-P2.6-BK-HC-HT	50950095389D	50
...
12	60.00	STL950/12-5.0-V-P2.6-BK-HC-HT	50950125389D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-V-P2.6-BK-HC-HT	50950025379F	200
3	15.24	STLZ950/3-5.08-V-P2.6-BK-HC-HT	50950035379F	200
4	20.32	STLZ950/4-5.08-V-P2.6-BK-HC-HT	50950045379F	200
5	25.40	STLZ950/5-5.08-V-P2.6-BK-HC-HT	50950055379E	100
6	30.48	STLZ950/6-5.08-V-P2.6-BK-HC-HT	50950065379E	100
7	35.56	STLZ950/7-5.08-V-P2.6-BK-HC-HT	50950075379E	100
8	40.64	STLZ950/8-5.08-V-P2.6-BK-HC-HT	50950085379D	50
9	45.72	STLZ950/9-5.08-V-P2.6-BK-HC-HT	50950095379D	50
...
12	60.96	STLZ950/12-5.08-V-P2.6-BK-HC-HT	50950125379D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories
and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..G-5.0-V-GREEN STLZ950/..G-5.08-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	BASALT GREY, RAL 7012		PEBBLE GREY, RAL 7032
	LIGHT GREY, RAL 7035		LIGHT GREEN, similar RAL 6018

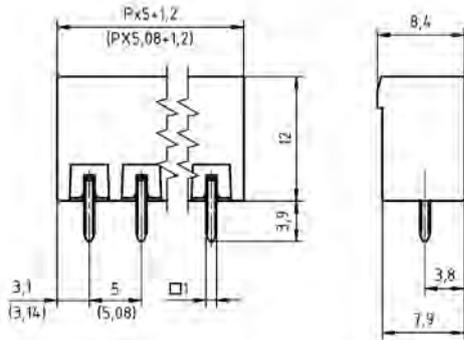
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block						
AK950	AK955	AK1100	AK1110	AK1200	AK3950	AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block						
STLZ950-INV	AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-V-GREEN	50950025101F	200
3	16.20	STL950/3G-5.0-V-GREEN	50950035101F	200
4	21.20	STL950/4G-5.0-V-GREEN	50950045101F	200
5	26.20	STL950/5G-5.0-V-GREEN	50950055101E	100
6	31.20	STL950/6G-5.0-V-GREEN	50950065101E	100
7	36.20	STL950/7G-5.0-V-GREEN	50950075101E	100
8	41.20	STL950/8G-5.0-V-GREEN	50950085101D	50
9	46.20	STL950/9G-5.0-V-GREEN	50950095101D	50
...
24	121.20	STL950/24G-5.0-V-GREEN	50950245101D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-V-GREEN	50950025121F	200
3	16.44	STLZ950/3G-5.08-V-GREEN	50950035121F	200
4	21.52	STLZ950/4G-5.08-V-GREEN	50950045121F	200
5	26.60	STLZ950/5G-5.08-V-GREEN	50950055121E	100
6	31.68	STLZ950/6G-5.08-V-GREEN	50950065121E	100
7	36.76	STLZ950/7G-5.08-V-GREEN	50950075121E	100
8	41.84	STLZ950/8G-5.08-V-GREEN	50950085121D	50
9	46.92	STLZ950/9G-5.08-V-GREEN	50950095121D	50
...
24	123.12	STLZ950/24G-5.08-V-GREEN	50950245121D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..G-5.0-V-P2.6-BK-HT STLZ950/..G-5.08-V-P2.6-BK-HT



NEW

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

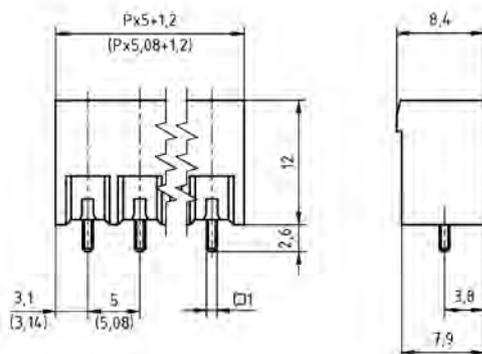
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block						
AK950	AK955	AK1100	AK1110	AK1200	AK3950	AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block						
STLZ950-INV	AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-V-P2.6-BK-HT	50950025387F	200
3	16.20	STL950/3G-5.0-V-P2.6-BK-HT	50950035387F	200
4	21.20	STL950/4G-5.0-V-P2.6-BK-HT	50950045387F	200
5	26.20	STL950/5G-5.0-V-P2.6-BK-HT	50950055387E	100
6	31.20	STL950/6G-5.0-V-P2.6-BK-HT	50950065387E	100
7	36.20	STL950/7G-5.0-V-P2.6-BK-HT	50950075387E	100
8	41.20	STL950/8G-5.0-V-P2.6-BK-HT	50950085387D	50
9	46.20	STL950/9G-5.0-V-P2.6-BK-HT	50950095387D	50
...
12	61.20	STL950/12G-5.0-V-P2.6-BK-HT	50950125387D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-V-P2.6-BK-HT	50950025367F	200
3	16.44	STLZ950/3G-5.08-V-P2.6-BK-HT	50950035367F	200
4	21.52	STLZ950/4G-5.08-V-P2.6-BK-HT	50950045367F	200
5	26.60	STLZ950/5G-5.08-V-P2.6-BK-HT	50950055367E	100
6	31.68	STLZ950/6G-5.08-V-P2.6-BK-HT	50950065367E	100
7	36.76	STLZ950/7G-5.08-V-P2.6-BK-HT	50950075367E	100
8	41.84	STLZ950/8G-5.08-V-P2.6-BK-HT	50950085367D	50
9	46.92	STLZ950/9G-5.08-V-P2.6-BK-HT	50950095367D	50
...
12	62.16	STLZ950/12G-5.08-V-P2.6-BK-HT	50950125367D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



Pin Strip | Spacing 5.0 mm / 5.08 mm

STL950/..G-5.0-V-P2.6-BK-HT

STLZ950/..G-5.08-V-P2.6-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	60 s
Materials			
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

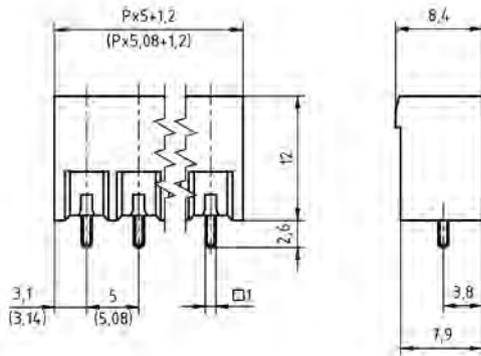
Terminal Block

AK950 AK955 AK1100 AK1110 AK3950 AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950-INV AKZ950 AKZ955 AKZ1100 AKZ1110 AKZ1200 AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-V-P2.6-BK-HT	50950025387R	140
3	16.20	STL950/3G-5.0-V-P2.6-BK-HT	50950035387R	140
4	21.20	STL950/4G-5.0-V-P2.6-BK-HT	50950045387R	140
5	26.20	STL950/5G-5.0-V-P2.6-BK-HT	50950055387R	140
6	31.20	STL950/6G-5.0-V-P2.6-BK-HT	50950065387R	140
7	36.20	STL950/7G-5.0-V-P2.6-BK-HT	50950075387R	140
8	41.20	STL950/8G-5.0-V-P2.6-BK-HT	50950085387R	140

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-V-P2.6-BK-HT	50950025367R	140
3	16.44	STLZ950/3G-5.08-V-P2.6-BK-HT	50950035367R	140
4	21.52	STLZ950/4G-5.08-V-P2.6-BK-HT	50950045367R	140
5	26.60	STLZ950/5G-5.08-V-P2.6-BK-HT	50950055367R	140
6	31.68	STLZ950/6G-5.08-V-P2.6-BK-HT	50950065367R	140
7	36.76	STLZ950/7G-5.08-V-P2.6-BK-HT	50950075367R	140
8	41.84	STLZ950/8G-5.08-V-P2.6-BK-HT	50950085367R	140

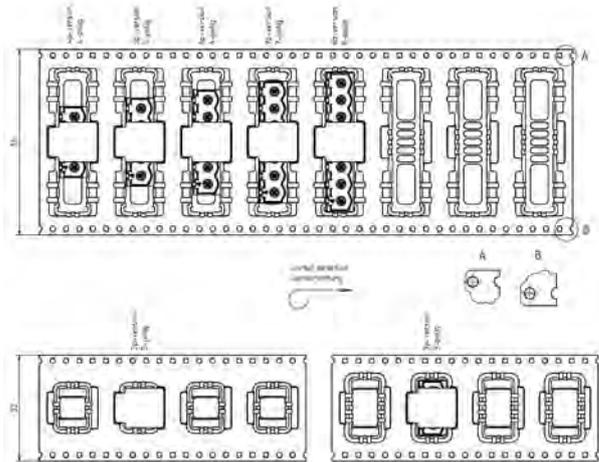
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-3	13	32	20	140
4-8	13	56	20	140



Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..G-5.0-V-GREEN-HC STLZ950/..G-5.08-V-GREEN-HC



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	PEBBLE GREY, RAL 7032		LIGHT GREEN, similar RAL 6018

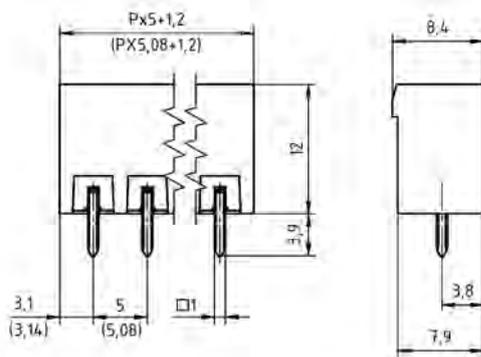
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block	
AK950	

Counterparts (Spacing 5.08 mm)

Terminal Block	
AKZ950	



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-V-GREEN-HC	50950025109F	200
3	16.20	STL950/3G-5.0-V-GREEN-HC	50950035109F	200
4	21.20	STL950/4G-5.0-V-GREEN-HC	50950045109F	200
5	26.20	STL950/5G-5.0-V-GREEN-HC	50950055109E	100
6	31.20	STL950/6G-5.0-V-GREEN-HC	50950065109E	100
7	36.20	STL950/7G-5.0-V-GREEN-HC	50950075109E	100
8	41.20	STL950/8G-5.0-V-GREEN-HC	50950085109D	50
9	46.20	STL950/9G-5.0-V-GREEN-HC	50950095109D	50
...
12	61.20	STL950/12G-5.0-V-GREEN-HC	50950125109D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-V-GREEN-HC	50950025129F	200
3	16.44	STLZ950/3G-5.08-V-GREEN-HC	50950035129F	200
4	21.52	STLZ950/4G-5.08-V-GREEN-HC	50950045129F	200
5	26.60	STLZ950/5G-5.08-V-GREEN-HC	50950055129E	100
6	31.68	STLZ950/6G-5.08-V-GREEN-HC	50950065129E	100
7	36.76	STLZ950/7G-5.08-V-GREEN-HC	50950075129E	100
8	41.84	STLZ950/8G-5.08-V-GREEN-HC	50950085129D	50
9	46.92	STLZ950/9G-5.08-V-GREEN-HC	50950095129D	50
...
12	62.16	STLZ950/12G-5.08-V-GREEN-HC	50950125129D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..G-5.0-V-P2.6-BK-HC-HT

STLZ950/..G-5.08-V-P2.6-BK-HC-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

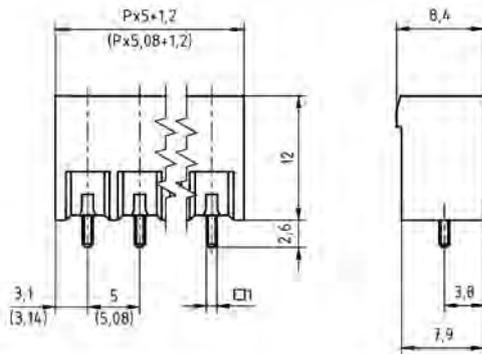
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-V-P2.6-BK-HC-HT	50950025388F	200
3	16.20	STL950/3G-5.0-V-P2.6-BK-HC-HT	50950035388F	200
4	21.20	STL950/4G-5.0-V-P2.6-BK-HC-HT	50950045388F	200
5	26.20	STL950/5G-5.0-V-P2.6-BK-HC-HT	50950055388E	100
6	31.20	STL950/6G-5.0-V-P2.6-BK-HC-HT	50950065388E	100
7	36.20	STL950/7G-5.0-V-P2.6-BK-HC-HT	50950075388E	100
8	41.20	STL950/8G-5.0-V-P2.6-BK-HC-HT	50950085388D	50
9	46.20	STL950/9G-5.0-V-P2.6-BK-HC-HT	50950095388D	50
...
12	61.20	STL950/12G-5.0-V-P2.6-BK-HC-HT	50950125388D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-V-P2.6-BK-HC-HT	50950025368F	200
3	16.44	STLZ950/3G-5.08-V-P2.6-BK-HC-HT	50950035368F	200
4	21.52	STLZ950/4G-5.08-V-P2.6-BK-HC-HT	50950045368F	200
5	26.60	STLZ950/5G-5.08-V-P2.6-BK-HC-HT	50950055368E	100
6	31.68	STLZ950/6G-5.08-V-P2.6-BK-HC-HT	50950065368E	100
7	36.76	STLZ950/7G-5.08-V-P2.6-BK-HC-HT	50950075368E	100
8	41.84	STLZ950/8G-5.08-V-P2.6-BK-HC-HT	50950085368D	50
9	46.92	STLZ950/9G-5.08-V-P2.6-BK-HC-HT	50950095368D	50
...
12	62.16	STLZ950/12G-5.08-V-P2.6-BK-HC-HT	50950125368D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..G-5.0-V-P2.6-BK-HC-HT STLZ950/..G-5.08-V-P2.6-BK-HC-HT



NEW



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	60 s
Materials			
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

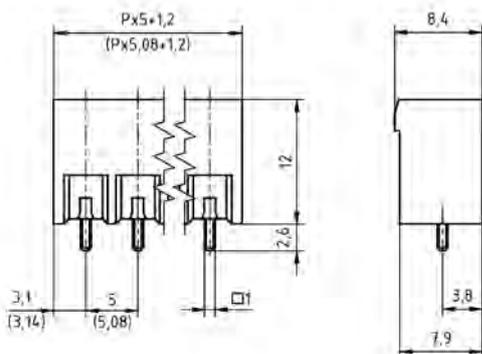
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-V-P2.6-BK-HC-HT	50950025388R	140
3	16.20	STL950/3G-5.0-V-P2.6-BK-HC-HT	50950035388R	140
4	21.20	STL950/4G-5.0-V-P2.6-BK-HC-HT	50950045388R	140
5	26.20	STL950/5G-5.0-V-P2.6-BK-HC-HT	50950055388R	140
6	31.20	STL950/6G-5.0-V-P2.6-BK-HC-HT	50950065388R	140
7	36.20	STL950/7G-5.0-V-P2.6-BK-HC-HT	50950075388R	140
8	41.20	STL950/8G-5.0-V-P2.6-BK-HC-HT	50950085388R	140

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-V-P2.6-BK-HC-HT	50950025368R	140
3	16.44	STLZ950/3G-5.08-V-P2.6-BK-HC-HT	50950035368R	140
4	21.52	STLZ950/4G-5.08-V-P2.6-BK-HC-HT	50950045368R	140
5	26.60	STLZ950/5G-5.08-V-P2.6-BK-HC-HT	50950055368R	140
6	31.68	STLZ950/6G-5.08-V-P2.6-BK-HC-HT	50950065368R	140
7	36.76	STLZ950/7G-5.08-V-P2.6-BK-HC-HT	50950075368R	140
8	41.84	STLZ950/8G-5.08-V-P2.6-BK-HC-HT	50950085368R	140

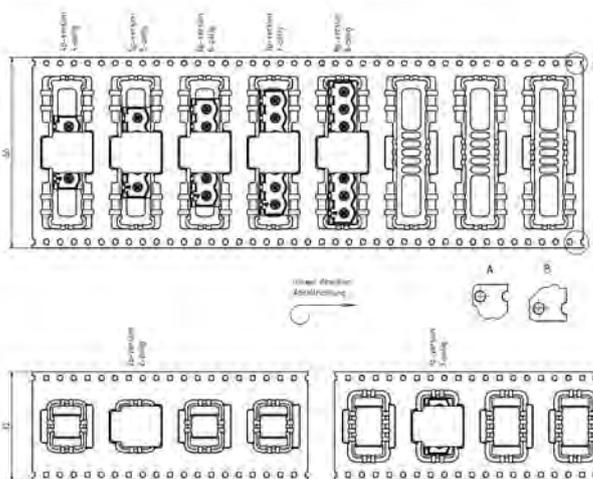
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	5000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

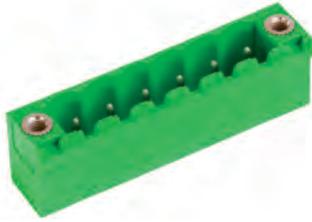
Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-3	13	32	20	140
4-8	13	56	20	140



Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..F-5.0-V-GREEN STLZ950/..F-5.08-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BASALT GREY, RAL 7012
	LIGHT GREEN, similar RAL 6018		

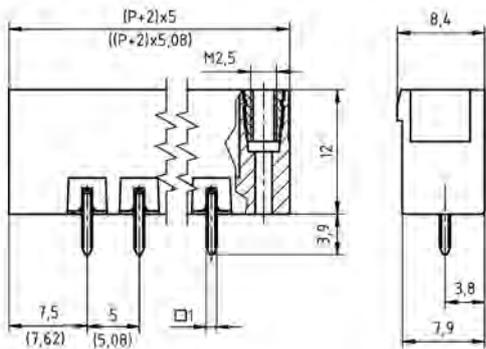
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block		
AK950	AK1200	AK4951

Counterparts (Spacing 5.08 mm)

Terminal Block				
AKZ950	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-V-GREEN	50950026101E	100
3	25.00	STL950/3F-5.0-V-GREEN	50950036101E	100
4	30.00	STL950/4F-5.0-V-GREEN	50950046101E	100
5	35.00	STL950/5F-5.0-V-GREEN	50950056101E	100
6	40.00	STL950/6F-5.0-V-GREEN	50950066101D	50
7	45.00	STL950/7F-5.0-V-GREEN	50950076101D	50
8	50.00	STL950/8F-5.0-V-GREEN	50950086101D	50
9	55.00	STL950/9F-5.0-V-GREEN	50950096101D	50
...
24	130.00	STL950/24F-5.0-V-GREEN	50950246101D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-V-GREEN	50950026121E	100
3	25.40	STLZ950/3F-5.08-V-GREEN	50950036121E	100
4	30.48	STLZ950/4F-5.08-V-GREEN	50950046121E	100
5	35.56	STLZ950/5F-5.08-V-GREEN	50950056121E	100
6	40.64	STLZ950/6F-5.08-V-GREEN	50950066121D	50
7	45.72	STLZ950/7F-5.08-V-GREEN	50950076121D	50
8	50.80	STLZ950/8F-5.08-V-GREEN	50950086121D	50
9	55.88	STLZ950/9F-5.08-V-GREEN	50950096121D	50
...
24	132.08	STLZ950/24F-5.08-V-GREEN	50950246121D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..F-5.0-V-P2.6-BK-HT STLZ950/..F-5.08-V-P2.6-BK-HT



NEW

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

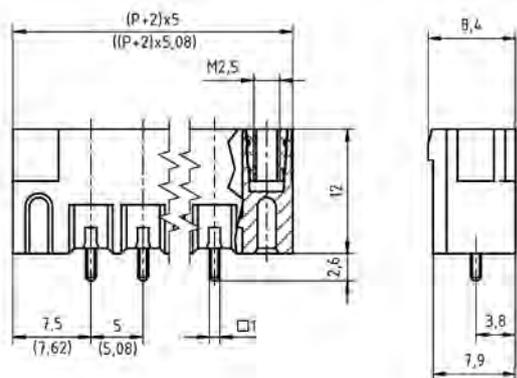
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block		
AK950	AK1200	AK4951

Counterparts (Spacing 5.08 mm)

Terminal Block				
AKZ950	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-V-P2.6-BK-HT	50950026387E	100
3	25.00	STL950/3F-5.0-V-P2.6-BK-HT	50950036387E	100
4	30.00	STL950/4F-5.0-V-P2.6-BK-HT	50950046387E	100
5	35.00	STL950/5F-5.0-V-P2.6-BK-HT	50950056387E	100
6	40.00	STL950/6F-5.0-V-P2.6-BK-HT	50950066387D	50
7	45.00	STL950/7F-5.0-V-P2.6-BK-HT	50950076387D	50
8	50.00	STL950/8F-5.0-V-P2.6-BK-HT	50950086387D	50
9	55.00	STL950/9F-5.0-V-P2.6-BK-HT	50950096387D	50
...
12	70.00	STL950/12F-5.0-V-P2.6-BK-HT	50950126387D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-V-P2.6-BK-HT	50950026367E	100
3	25.40	STLZ950/3F-5.08-V-P2.6-BK-HT	50950036367E	100
4	30.48	STLZ950/4F-5.08-V-P2.6-BK-HT	50950046367E	100
5	35.56	STLZ950/5F-5.08-V-P2.6-BK-HT	50950056367E	100
6	40.64	STLZ950/6F-5.08-V-P2.6-BK-HT	50950066367D	50
7	45.72	STLZ950/7F-5.08-V-P2.6-BK-HT	50950076367D	50
8	50.80	STLZ950/8F-5.08-V-P2.6-BK-HT	50950086367D	50
9	55.88	STLZ950/9F-5.08-V-P2.6-BK-HT	50950096367D	50
...
12	71.12	STLZ950/12F-5.08-V-P2.6-BK-HT	50950126367D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



Pin Strip | Spacing 5.0 mm / 5.08 mm

STL950/..F-5.0-V-P2.6-BK-HT STLZ950/..F-5.08-V-P2.6-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Temperatures		Wave Soldering Process	
Stranded (flexible) min	-	Operating Temperature	-30 °C - 105 °C
Stranded (flexible) max	-	Soldering Temperature, recommended	265 °C
Stranded with Ferrule min	-	Peak Soldering Time, recommended	3 s / 10 s
Stranded with Ferrule max	-	Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	60 s
Materials			
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

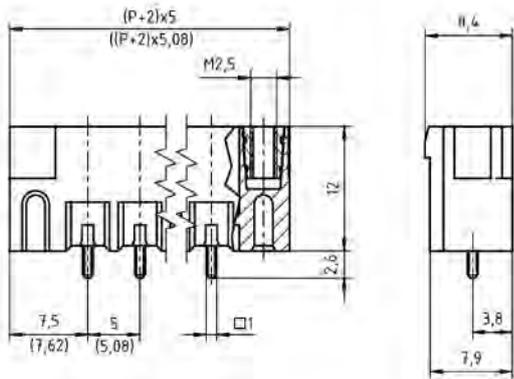
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block		
AK950	AK1200	AK4951

Counterparts (Spacing 5.08 mm)

Terminal Block				
AKZ950	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-V-P2.6-BK-HT	50950026387R	140
3	25.00	STL950/3F-5.0-V-P2.6-BK-HT	50950036387R	140
4	30.00	STL950/4F-5.0-V-P2.6-BK-HT	50950046387R	140
5	35.00	STL950/5F-5.0-V-P2.6-BK-HT	50950056387R	140
6	40.00	STL950/6F-5.0-V-P2.6-BK-HT	50950066387R	140

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-V-P2.6-BK-HT	50950026367R	140
3	25.40	STLZ950/3F-5.08-V-P2.6-BK-HT	50950036367R	140
4	30.48	STLZ950/4F-5.08-V-P2.6-BK-HT	50950046367R	140
5	35.56	STLZ950/5F-5.08-V-P2.6-BK-HT	50950056367R	140
6	40.64	STLZ950/6F-5.08-V-P2.6-BK-HT	50950066367R	140

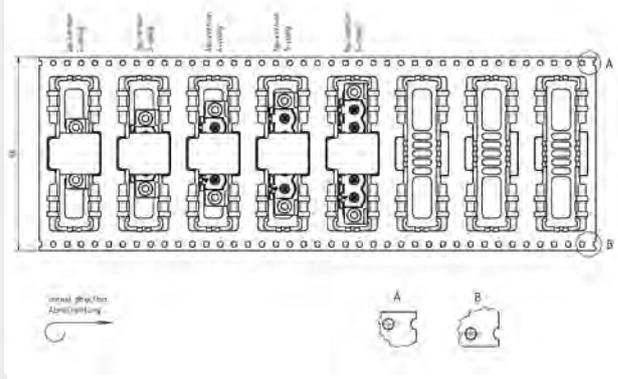
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Tape on Reel

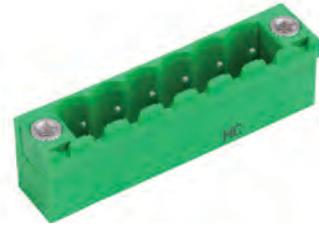
Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-6	13	56	20	140



Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..F-5.0-V-GREEN-HC STLZ950/..F-5.08-V-GREEN-HC



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

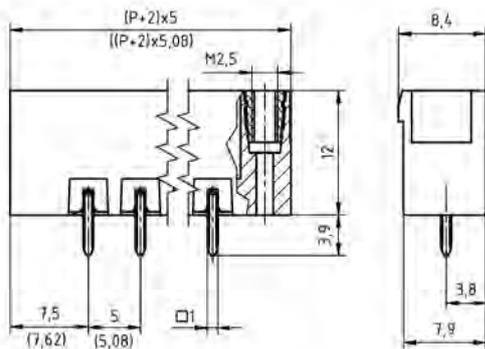
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block	
AK950	

Counterparts (Spacing 5.08 mm)

Terminal Block	
AKZ950	



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-V-GREEN-HC	50950026109E	100
3	25.00	STL950/3F-5.0-V-GREEN-HC	50950036109E	100
4	30.00	STL950/4F-5.0-V-GREEN-HC	50950046109D	50
5	35.00	STL950/5F-5.0-V-GREEN-HC	50950056109D	50
6	40.00	STL950/6F-5.0-V-GREEN-HC	50950066109D	50
7	45.00	STL950/7F-5.0-V-GREEN-HC	50950076109D	50
8	50.00	STL950/8F-5.0-V-GREEN-HC	50950086109D	50
9	55.00	STL950/9F-5.0-V-GREEN-HC	50950096109D	50
...
12	70.00	STL950/12F-5.0-V-GREEN-HC	50950126109D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-V-GREEN-HC	50950026129E	100
3	25.40	STLZ950/3F-5.08-V-GREEN-HC	50950036129E	100
4	30.48	STLZ950/4F-5.08-V-GREEN-HC	50950046129D	50
5	35.56	STLZ950/5F-5.08-V-GREEN-HC	50950056129D	50
6	40.64	STLZ950/6F-5.08-V-GREEN-HC	50950066129D	50
7	45.72	STLZ950/7F-5.08-V-GREEN-HC	50950076129D	50
8	50.80	STLZ950/8F-5.08-V-GREEN-HC	50950086129D	50
9	55.88	STLZ950/9F-5.08-V-GREEN-HC	50950096129D	50
...
12	71.12	STLZ950/12F-5.08-V-GREEN-HC	50950126129D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..F-5.0-V-P2.6-BK-HC-HT

STLZ950/..F-5.08-V-P2.6-BK-HC-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

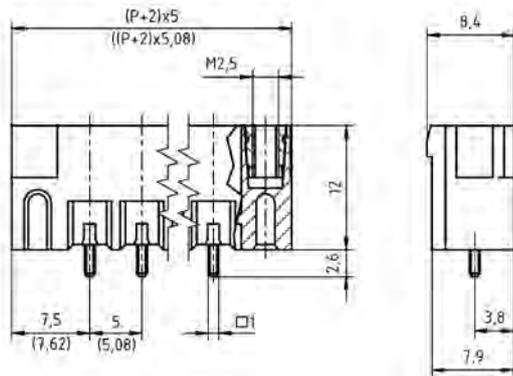
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-V-P2.6-BK-HC-HT	50950026389E	100
3	25.00	STL950/3F-5.0-V-P2.6-BK-HC-HT	50950036389E	100
4	30.00	STL950/4F-5.0-V-P2.6-BK-HC-HT	50950046389D	50
5	35.00	STL950/5F-5.0-V-P2.6-BK-HC-HT	50950056389D	50
6	40.00	STL950/6F-5.0-V-P2.6-BK-HC-HT	50950066389D	50
7	45.00	STL950/7F-5.0-V-P2.6-BK-HC-HT	50950076389D	50
8	50.00	STL950/8F-5.0-V-P2.6-BK-HC-HT	50950086389D	50
9	55.00	STL950/9F-5.0-V-P2.6-BK-HC-HT	50950096389D	50
...
12	70.00	STL950/12F-5.0-V-P2.6-BK-HC-HT	50950126389D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-V-P2.6-BK-HC-HT	50950026379E	100
3	25.40	STLZ950/3F-5.08-V-P2.6-BK-HC-HT	50950036379E	100
4	30.48	STLZ950/4F-5.08-V-P2.6-BK-HC-HT	50950046379D	50
5	35.56	STLZ950/5F-5.08-V-P2.6-BK-HC-HT	50950056379D	50
6	40.64	STLZ950/6F-5.08-V-P2.6-BK-HC-HT	50950066379D	50
7	45.72	STLZ950/7F-5.08-V-P2.6-BK-HC-HT	50950076379D	50
8	50.80	STLZ950/8F-5.08-V-P2.6-BK-HC-HT	50950086379D	50
9	55.88	STLZ950/9F-5.08-V-P2.6-BK-HC-HT	50950096379D	50
...
12	71.12	STLZ950/12F-5.08-V-P2.6-BK-HC-HT	50950126379D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..F-5.0-V-P2.6-BK-HC-HT STLZ950/..F-5.08-V-P2.6-BK-HC-HT



NEW



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

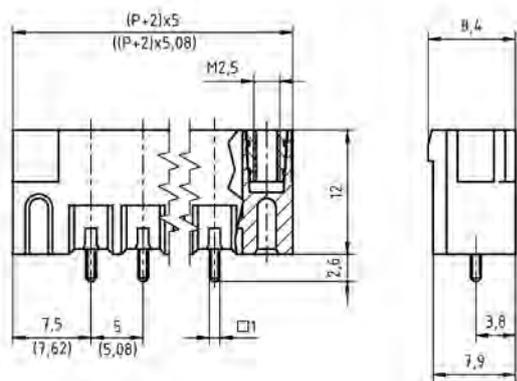
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-V-P2.6-BK-HC-HT	50950026389R	140
3	25.00	STL950/3F-5.0-V-P2.6-BK-HC-HT	50950036389R	140
4	30.00	STL950/4F-5.0-V-P2.6-BK-HC-HT	50950046389R	140
5	35.00	STL950/5F-5.0-V-P2.6-BK-HC-HT	50950056389R	140
6	40.00	STL950/6F-5.0-V-P2.6-BK-HC-HT	50950066389R	140

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-V-P2.6-BK-HC-HT	50950026379R	140
3	25.40	STLZ950/3F-5.08-V-P2.6-BK-HC-HT	50950036379R	140
4	30.48	STLZ950/4F-5.08-V-P2.6-BK-HC-HT	50950046379R	140
5	35.56	STLZ950/5F-5.08-V-P2.6-BK-HC-HT	50950056379R	140
6	40.64	STLZ950/6F-5.08-V-P2.6-BK-HC-HT	50950066379R	140

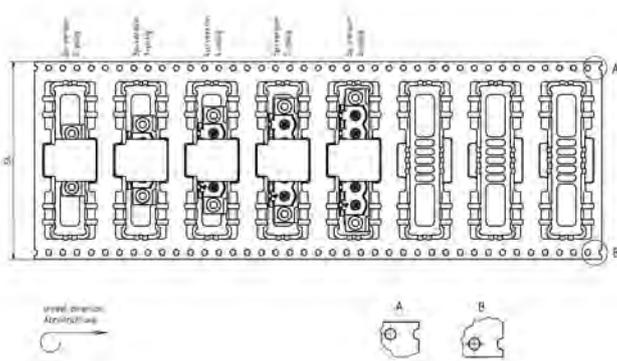
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-6	13	56	20	140



Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STLZ950/..-5.08-V-GREEN-INV

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Spring	Bronze		

Colours

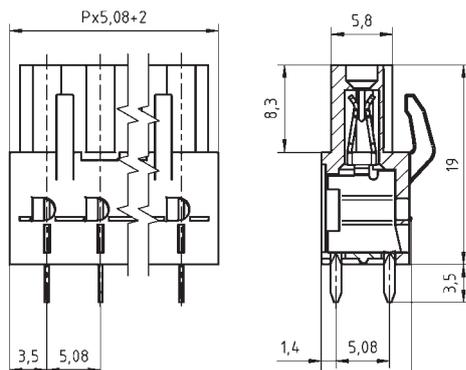
 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950 STLZ990 STLZ970 AKZ950 AKZ5950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	12.16	STLZ950/2-5.08-V-GREEN-INV	50950029121F	200
3	17.24	STLZ950/3-5.08-V-GREEN-INV	50950039121F	200
4	22.32	STLZ950/4-5.08-V-GREEN-INV	50950049121F	200
5	27.40	STLZ950/5-5.08-V-GREEN-INV	50950059121E	100
6	32.48	STLZ950/6-5.08-V-GREEN-INV	50950069121E	100
7	37.56	STLZ950/7-5.08-V-GREEN-INV	50950079121E	100
8	42.64	STLZ950/8-5.08-V-GREEN-INV	50950089121D	50
9	47.72	STLZ950/9-5.08-V-GREEN-INV	50950099121D	50
10	52.80	STLZ950/10-5.08-V-GREEN-INV	50950109121D	50
11	57.88	STLZ950/11-5.08-V-GREEN-INV	50950119121D	50
12	62.96	STLZ950/12-5.08-V-GREEN-INV	50950129121D	50
13	68.04	STLZ950/13-5.08-V-GREEN-INV	50950139121D	50
14	73.12	STLZ950/14-5.08-V-GREEN-INV	50950149121D	50
15	78.20	STLZ950/15-5.08-V-GREEN-INV	50950159121D	50
16	83.28	STLZ950/16-5.08-V-GREEN-INV	50950169121D	50
17	88.36	STLZ950/17-5.08-V-GREEN-INV	50950179121D	50
18	93.44	STLZ950/18-5.08-V-GREEN-INV	50950189121D	50
19	98.52	STLZ950/19-5.08-V-GREEN-INV	50950199121D	50
20	103.60	STLZ950/20-5.08-V-GREEN-INV	50950209121D	50
21	108.68	STLZ950/21-5.08-V-GREEN-INV	50950219121D	50
22	113.76	STLZ950/22-5.08-V-GREEN-INV	50950229121D	50
23	118.84	STLZ950/23-5.08-V-GREEN-INV	50950239121D	50
24	123.92	STLZ950/24-5.08-V-GREEN-INV	50950249121D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS4-5.0/5.08-RED	50000000026

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	12 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..-5.0-H-GREEN STLZ950/..-5.08-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	BASALT GREY, RAL 7012		PEBBLE GREY, RAL 7032
	LIGHT GREY, RAL 7035		LIGHT GREEN, similar RAL 6018

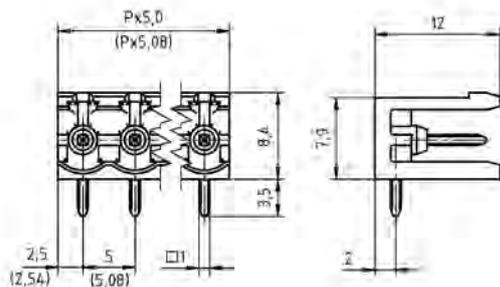
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip						
AK950	AK955	AK1100	AK1110	AK1200	AK3950	AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block						
STLZ950-INV	AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-H-GREEN	50950025011F	200
3	15.00	STL950/3-5.0-H-GREEN	50950035011F	200
4	20.00	STL950/4-5.0-H-GREEN	50950045011F	200
5	25.00	STL950/5-5.0-H-GREEN	50950055011E	100
6	30.00	STL950/6-5.0-H-GREEN	50950065011E	100
7	35.00	STL950/7-5.0-H-GREEN	50950075011E	100
8	40.00	STL950/8-5.0-H-GREEN	50950085011D	50
9	45.00	STL950/9-5.0-H-GREEN	50950095011D	50
...
24	120.00	STL950/24-5.0-H-GREEN	50950245011D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-H-GREEN	50950025031F	200
3	15.24	STLZ950/3-5.08-H-GREEN	50950035031F	200
4	20.32	STLZ950/4-5.08-H-GREEN	50950045031F	200
5	25.40	STLZ950/5-5.08-H-GREEN	50950055031E	100
6	30.48	STLZ950/6-5.08-H-GREEN	50950065031E	100
7	35.56	STLZ950/7-5.08-H-GREEN	50950075031E	100
8	40.64	STLZ950/8-5.08-H-GREEN	50950085031D	50
9	45.72	STLZ950/9-5.08-H-GREEN	50950095031D	50
...
24	121.92	STLZ950/24-5.08-H-GREEN	50950245031D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



Pin Strip | Spacing 5.0 mm / 5.08 mm

STL950/..-5.0-H-P2.6-BK-HT STLZ950/..-5.08-H-P2.6-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

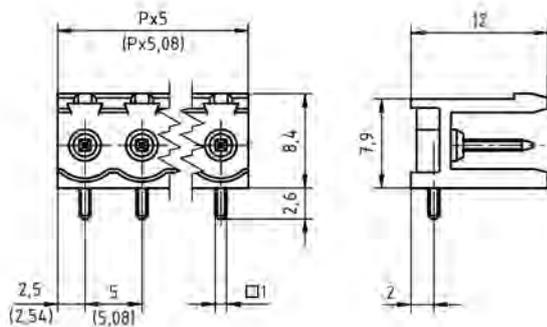
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block						
AK950	AK955	AK1100	AK1110	AK1200	AK3950	AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block						
STLZ950-INV	AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-H-P2.6-BK-HT	50950025317F	200
3	15.00	STL950/3-5.0-H-P2.6-BK-HT	50950035317F	200
4	20.00	STL950/4-5.0-H-P2.6-BK-HT	50950045317F	200
5	25.00	STL950/5-5.0-H-P2.6-BK-HT	50950055317E	100
6	30.00	STL950/6-5.0-H-P2.6-BK-HT	50950065317E	100
7	35.00	STL950/7-5.0-H-P2.6-BK-HT	50950075317E	100
8	40.00	STL950/8-5.0-H-P2.6-BK-HT	50950085317D	50
9	45.00	STL950/9-5.0-H-P2.6-BK-HT	50950095317D	50
...
12	60.00	STL950/12-5.0-H-P2.6-BK-HT	50950125317D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-H-P2.6-BK-HT	50950025337F	200
3	15.24	STLZ950/3-5.08-H-P2.6-BK-HT	50950035337F	200
4	20.32	STLZ950/4-5.08-H-P2.6-BK-HT	50950045337F	200
5	25.40	STLZ950/5-5.08-H-P2.6-BK-HT	50950055337E	100
6	30.48	STLZ950/6-5.08-H-P2.6-BK-HT	50950065337E	100
7	35.56	STLZ950/7-5.08-H-P2.6-BK-HT	50950075337E	100
8	40.64	STLZ950/8-5.08-H-P2.6-BK-HT	50950085337D	50
9	45.72	STLZ950/9-5.08-H-P2.6-BK-HT	50950095337D	50
...
12	60.96	STLZ950/12-5.08-H-P2.6-BK-HT	50950125337D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..-5.0-H-P2.6-BK-HT STLZ950/..-5.08-H-P2.6-BK-HT



NEW



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	60 s
Materials			
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

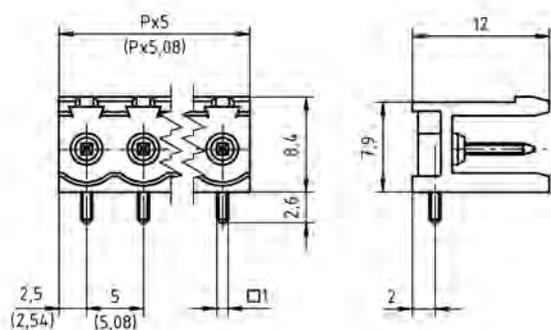
Terminal Block

AK950 AK955 AK1100 AK1110 AK1200 AK3950 AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950-INV AKZ950 AKZ955 AKZ1100 AKZ1110 AKZ1200 AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-H-P2.6-BK-HT	50950025317R	330
3	15.00	STL950/3-5.0-H-P2.6-BK-HT	50950035317R	330
4	20.00	STL950/4-5.0-H-P2.6-BK-HT	50950045317R	330
5	25.00	STL950/5-5.0-H-P2.6-BK-HT	50950055317R	330
6	30.00	STL950/6-5.0-H-P2.6-BK-HT	50950065317R	330
7	35.00	STL950/7-5.0-H-P2.6-BK-HT	50950075317R	330
8	40.00	STL950/8-5.0-H-P2.6-BK-HT	50950085317R	330

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-H-P2.6-BK-HT	50950025337R	330
3	15.24	STLZ950/3-5.08-H-P2.6-BK-HT	50950035337R	330
4	20.32	STLZ950/4-5.08-H-P2.6-BK-HT	50950045337R	330
5	25.40	STLZ950/5-5.08-H-P2.6-BK-HT	50950055337R	330
6	30.48	STLZ950/6-5.08-H-P2.6-BK-HT	50950065337R	330
7	35.56	STLZ950/7-5.08-H-P2.6-BK-HT	50950075337R	330
8	40.64	STLZ950/8-5.08-H-P2.6-BK-HT	50950085337R	330

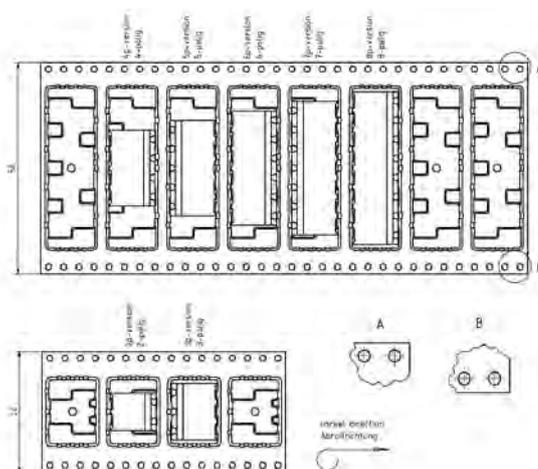
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

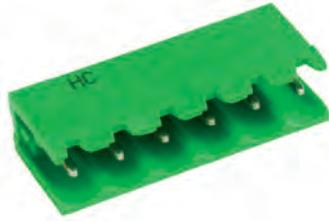
Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-3	13	32	16	330
4-8	13	56	16	330



Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overtoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..-5.0-H-GREEN-HC STLZ950/..-5.08-H-GREEN-HC

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	-
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	-
Materials			
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	PEBBLE GREY, RAL 7032		LIGHT GREEN, similar RAL 6018

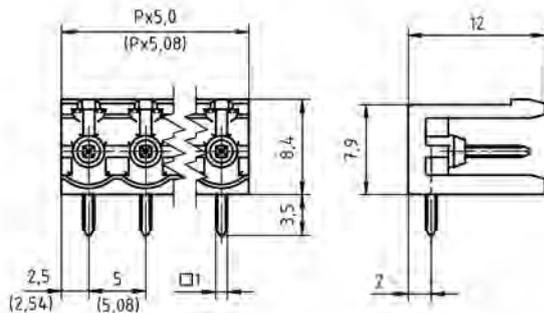
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block	
AK950	

Counterparts (Spacing 5.08 mm)

Terminal Block	
AKZ950	



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-H-GREEN-HC	50950025019F	200
3	15.00	STL950/3-5.0-H-GREEN-HC	50950035019F	200
4	20.00	STL950/4-5.0-H-GREEN-HC	50950045019F	200
5	25.00	STL950/5-5.0-H-GREEN-HC	50950055019E	100
6	30.00	STL950/6-5.0-H-GREEN-HC	50950065019E	100
7	35.00	STL950/7-5.0-H-GREEN-HC	50950075019E	100
8	40.00	STL950/8-5.0-H-GREEN-HC	50950085019D	50
9	45.00	STL950/9-5.0-H-GREEN-HC	50950095019D	50
...
12	60.00	STL950/12-5.0-H-GREEN-HC	50950125019D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-H-GREEN-HC	50950025039F	200
3	15.24	STLZ950/3-5.08-H-GREEN-HC	50950035039F	200
4	20.32	STLZ950/4-5.08-H-GREEN-HC	50950045039F	200
5	25.40	STLZ950/5-5.08-H-GREEN-HC	50950055039E	100
6	30.48	STLZ950/6-5.08-H-GREEN-HC	50950065039E	100
7	35.56	STLZ950/7-5.08-H-GREEN-HC	50950075039E	100
8	40.64	STLZ950/8-5.08-H-GREEN-HC	50950085039D	50
9	45.72	STLZ950/9-5.08-H-GREEN-HC	50950095039D	50
...
12	60.96	STLZ950/12-5.08-H-GREEN-HC	50950125039D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..-5.0-H-P2.6-BK-HC-HT STLZ950/..-5.08-H-P2.6-BK-HC-HT



NEW

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

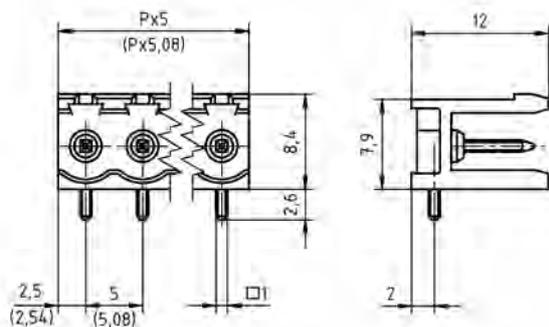
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-H-P2.6-BK-HC-HT	50950025319F	200
3	15.00	STL950/3-5.0-H-P2.6-BK-HC-HT	50950035319F	200
4	20.00	STL950/4-5.0-H-P2.6-BK-HC-HT	50950045319F	200
5	25.00	STL950/5-5.0-H-P2.6-BK-HC-HT	50950055319E	100
6	30.00	STL950/6-5.0-H-P2.6-BK-HC-HT	50950065319E	100
7	35.00	STL950/7-5.0-H-P2.6-BK-HC-HT	50950075319E	100
8	40.00	STL950/8-5.0-H-P2.6-BK-HC-HT	50950085319D	50
9	45.00	STL950/9-5.0-H-P2.6-BK-HC-HT	50950095319D	50
...
12	60.00	STL950/12-5.0-H-P2.6-BK-HC-HT	50950125319D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-H-P2.6-BK-HC-HT	50950025339F	200
3	15.24	STLZ950/3-5.08-H-P2.6-BK-HC-HT	50950035339F	200
4	20.32	STLZ950/4-5.08-H-P2.6-BK-HC-HT	50950045339F	200
5	25.40	STLZ950/5-5.08-H-P2.6-BK-HC-HT	50950055339E	100
6	30.48	STLZ950/6-5.08-H-P2.6-BK-HC-HT	50950065339E	100
7	35.56	STLZ950/7-5.08-H-P2.6-BK-HC-HT	50950075339E	100
8	40.64	STLZ950/8-5.08-H-P2.6-BK-HC-HT	50950085339D	50
9	45.72	STLZ950/9-5.08-H-P2.6-BK-HC-HT	50950095339D	50
...
12	60.96	STLZ950/12-5.08-H-P2.6-BK-HC-HT	50950125339D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..-5.0-H-P2.6-BK-HC-HT STLZ950/..-5.08-H-P2.6-BK-HC-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Temperatures		Operating Temperature	
Stranded (flexible) min	-	-30 °C - 105 °C	
Stranded (flexible) max	-	Wave Soldering Process	
Stranded with Ferrule min	-	Soldering Temperature, recommended	265 °C
Stranded with Ferrule max	-	Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	60 s
Materials			
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

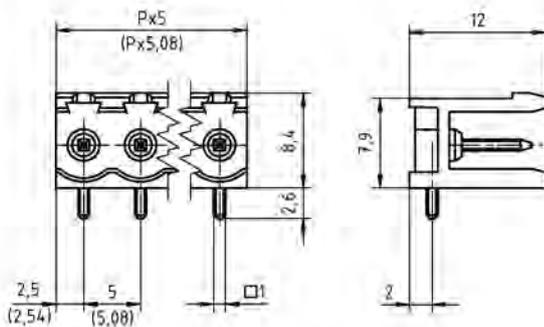
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL950/2-5.0-H-P2.6-BK-HC-HT	50950025319R	330
3	15.00	STL950/3-5.0-H-P2.6-BK-HC-HT	50950035319R	330
4	20.00	STL950/4-5.0-H-P2.6-BK-HC-HT	50950045319R	330
5	25.00	STL950/5-5.0-H-P2.6-BK-HC-HT	50950055319R	330
6	30.00	STL950/6-5.0-H-P2.6-BK-HC-HT	50950065319R	330
7	35.00	STL950/7-5.0-H-P2.6-BK-HC-HT	50950075319R	330
8	40.00	STL950/8-5.0-H-P2.6-BK-HC-HT	50950085319R	330

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ950/2-5.08-H-P2.6-BK-HC-HT	50950025339R	330
3	15.24	STLZ950/3-5.08-H-P2.6-BK-HC-HT	50950035339R	330
4	20.32	STLZ950/4-5.08-H-P2.6-BK-HC-HT	50950045339R	330
5	25.40	STLZ950/5-5.08-H-P2.6-BK-HC-HT	50950055339R	330
6	30.48	STLZ950/6-5.08-H-P2.6-BK-HC-HT	50950065339R	330
7	35.56	STLZ950/7-5.08-H-P2.6-BK-HC-HT	50950075339R	330
8	40.64	STLZ950/8-5.08-H-P2.6-BK-HC-HT	50950085339R	330

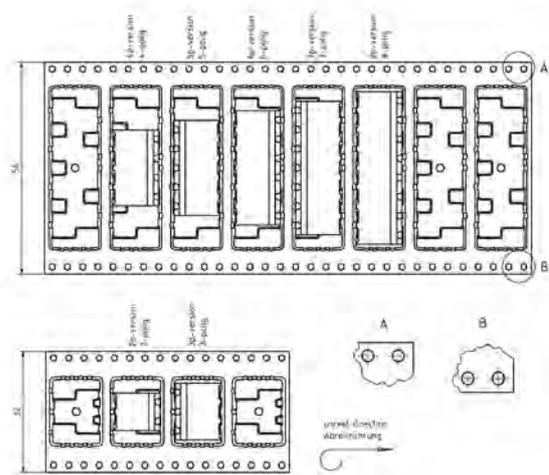
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Tape on Reel

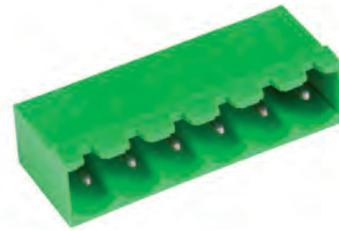
Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-3	13	32	16	330
4-8	13	56	16	330



Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..G-5.0-H-GREEN STLZ950/..G-5.08-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

 GREEN, RAL 6018	 BLACK, RAL 9011
 BASALT GREY, RAL 7012	 PEBBLE GREY, RAL 7032
 LIGHT GREY, RAL 7035	 LIGHT GREEN, similar RAL 6018

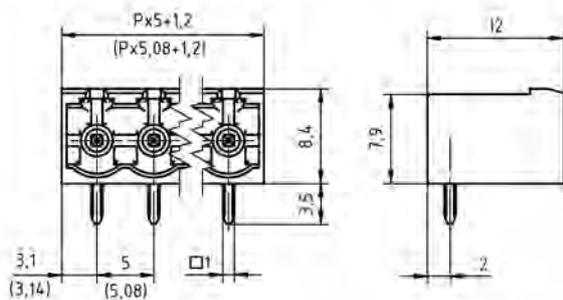
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block					
AK950	AK955	AK1100	AK1110	AK1200	AK3950

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block					
STLZ950-INV AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-H-GREEN	50950025001F	200
3	16.20	STL950/3G-5.0-H-GREEN	50950035001F	200
4	21.20	STL950/4G-5.0-H-GREEN	50950045001F	200
5	26.20	STL950/5G-5.0-H-GREEN	50950055001E	100
6	31.20	STL950/6G-5.0-H-GREEN	50950065001E	100
7	36.20	STL950/7G-5.0-H-GREEN	50950075001E	100
8	41.20	STL950/8G-5.0-H-GREEN	50950085001D	50
9	46.20	STL950/9G-5.0-H-GREEN	50950095001D	50
...
24	121.20	STL950/24G-5.0-H-GREEN	50950245001D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-H-GREEN	50950025021F	200
3	16.44	STLZ950/3G-5.08-H-GREEN	50950035021F	200
4	21.52	STLZ950/4G-5.08-H-GREEN	50950045021F	200
5	26.60	STLZ950/5G-5.08-H-GREEN	50950055021E	100
6	31.68	STLZ950/6G-5.08-H-GREEN	50950065021E	100
7	36.76	STLZ950/7G-5.08-H-GREEN	50950075021E	100
8	41.84	STLZ950/8G-5.08-H-GREEN	50950085021D	50
9	46.92	STLZ950/9G-5.08-H-GREEN	50950095021D	50
...
24	123.12	STLZ950/24G-5.08-H-GREEN	50950245021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..G-5.0-H-P2.6-BK-HT STLZ950/..G-5.08-H-P2.6-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

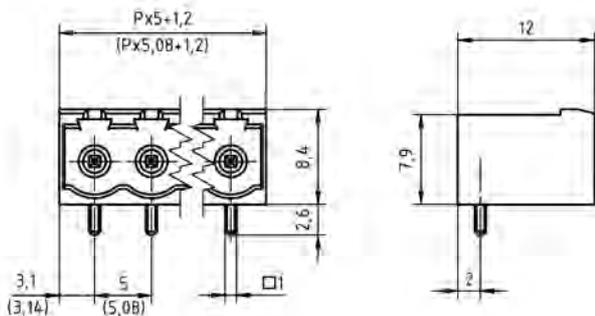
Terminal Block

AK950 AK955 AK1100 AK1110 AK1200 AK3950 AK4951

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950-INV AKZ950 AKZ955 AKZ1100 AKZ1110 AKZ1200 AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-H-P2.6-BK-HT	50950025347F	200
3	16.20	STL950/3G-5.0-H-P2.6-BK-HT	50950035347F	200
4	21.20	STL950/4G-5.0-H-P2.6-BK-HT	50950045347F	200
5	26.20	STL950/5G-5.0-H-P2.6-BK-HT	50950055347E	100
6	31.20	STL950/6G-5.0-H-P2.6-BK-HT	50950065347E	100
7	36.20	STL950/7G-5.0-H-P2.6-BK-HT	50950075347E	100
8	41.20	STL950/8G-5.0-H-P2.6-BK-HT	50950085347D	50
9	46.20	STL950/9G-5.0-H-P2.6-BK-HT	50950095347D	50
...
12	61.20	STL950/12G-5.0-H-P2.6-BK-HT	50950125347D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-H-P2.6-BK-HT	50950025327F	200
3	16.44	STLZ950/3G-5.08-H-P2.6-BK-HT	50950035327F	200
4	21.52	STLZ950/4G-5.08-H-P2.6-BK-HT	50950045327F	200
5	26.60	STLZ950/5G-5.08-H-P2.6-BK-HT	50950055327E	100
6	31.68	STLZ950/6G-5.08-H-P2.6-BK-HT	50950065327E	100
7	36.76	STLZ950/7G-5.08-H-P2.6-BK-HT	50950075327E	100
8	41.84	STLZ950/8G-5.08-H-P2.6-BK-HT	50950085327D	50
9	46.92	STLZ950/9G-5.08-H-P2.6-BK-HT	50950095327D	50
...
12	62.16	STLZ950/12G-5.08-H-P2.6-BK-HT	50950125327D	50

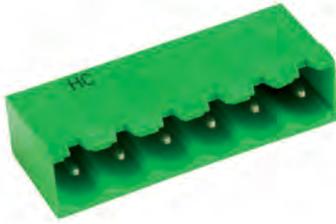
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..G-5.0-H-GREEN-HC STLZ950/..G-5.08-H-GREEN-HC

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BLACK, RAL 9011
	PEBBLE GREY, RAL 7032		LIGHT GREEN, similar RAL 6018

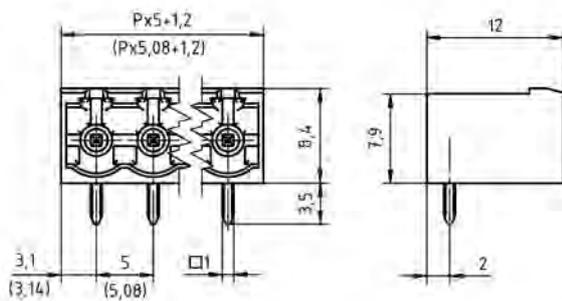
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block	
AK950	

Counterparts (Spacing 5.08 mm)

Terminal Block	
AKZ950	



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-H-GREEN-HC	50950025009F	200
3	16.20	STL950/3G-5.0-H-GREEN-HC	50950035009F	200
4	21.20	STL950/4G-5.0-H-GREEN-HC	50950045009F	200
5	26.20	STL950/5G-5.0-H-GREEN-HC	50950055009E	100
6	31.20	STL950/6G-5.0-H-GREEN-HC	50950065009E	100
7	36.20	STL950/7G-5.0-H-GREEN-HC	50950075009E	100
8	41.20	STL950/8G-5.0-H-GREEN-HC	50950085009D	50
9	46.20	STL950/9G-5.0-H-GREEN-HC	50950095009D	50
...
12	61.20	STL950/12G-5.0-H-GREEN-HC	50950125009D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-H-GREEN-HC	50950025029F	200
3	16.44	STLZ950/3G-5.08-H-GREEN-HC	50950035029F	200
4	21.52	STLZ950/4G-5.08-H-GREEN-HC	50950045029F	200
5	26.60	STLZ950/5G-5.08-H-GREEN-HC	50950055029E	100
6	31.68	STLZ950/6G-5.08-H-GREEN-HC	50950065029E	100
7	36.76	STLZ950/7G-5.08-H-GREEN-HC	50950075029E	100
8	41.84	STLZ950/8G-5.08-H-GREEN-HC	50950085029D	50
9	46.92	STLZ950/9G-5.08-H-GREEN-HC	50950095029D	50
...
12	62.16	STLZ950/12G-5.08-H-GREEN-HC	50950125029D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..G-5.0-H-P2.6-BK-HC-HT STLZ950/..G-5.08-H-P2.6-BK-HC-HT



NEW

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

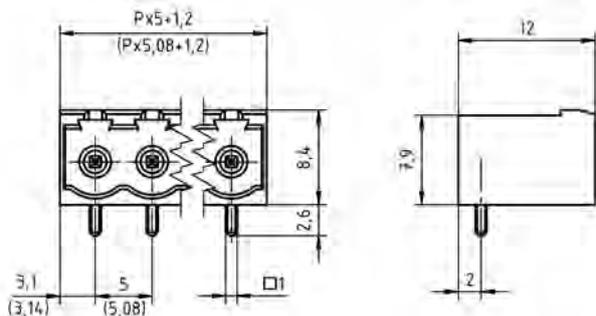
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-H-P2.6-BK-HC-HT	50950025349F	200
3	16.20	STL950/3G-5.0-H-P2.6-BK-HC-HT	50950035349F	200
4	21.20	STL950/4G-5.0-H-P2.6-BK-HC-HT	50950045349F	200
5	26.20	STL950/5G-5.0-H-P2.6-BK-HC-HT	50950055349E	100
6	31.20	STL950/6G-5.0-H-P2.6-BK-HC-HT	50950065349E	100
7	36.20	STL950/7G-5.0-H-P2.6-BK-HC-HT	50950075349E	100
8	41.20	STL950/8G-5.0-H-P2.6-BK-HC-HT	50950085349D	50
9	46.20	STL950/9G-5.0-H-P2.6-BK-HC-HT	50950095349D	50
...
12	61.20	STL950/12G-5.0-H-P2.6-BK-HC-HT	50950125349D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
3	16.44	STLZ950/3G-5.08-H-P2.6-BK-HC-HT	50950035329F	200
4	21.52	STLZ950/4G-5.08-H-P2.6-BK-HC-HT	50950045329F	200
5	26.60	STLZ950/5G-5.08-H-P2.6-BK-HC-HT	50950055329E	100
6	31.68	STLZ950/6G-5.08-H-P2.6-BK-HC-HT	50950065329E	100
7	36.76	STLZ950/7G-5.08-H-P2.6-BK-HC-HT	50950075329E	100
8	41.84	STLZ950/8G-5.08-H-P2.6-BK-HC-HT	50950085329D	50
9	46.92	STLZ950/9G-5.08-H-P2.6-BK-HC-HT	50950095329D	50
...
12	62.16	STLZ950/12G-5.08-H-P2.6-BK-HC-HT	50950125329D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



Pin Strip | Spacing 5.0 mm / 5.08 mm

STL950/..G-5.0-H-P2.6-BK-HC-HT STLZ950/..G-5.08-H-P2.6-BK-HC-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	60 s
Materials			
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

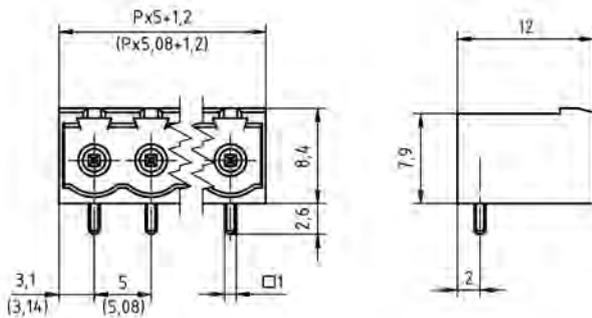
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-H-P2.6-BK-HC-HT	50950025349R	330
3	16.20	STL950/3G-5.0-H-P2.6-BK-HC-HT	50950035349R	330
4	21.20	STL950/4G-5.0-H-P2.6-BK-HC-HT	50950045349R	330
5	26.20	STL950/5G-5.0-H-P2.6-BK-HC-HT	50950055349R	330
6	31.20	STL950/6G-5.0-H-P2.6-BK-HC-HT	50950065349R	330
7	36.20	STL950/7G-5.0-H-P2.6-BK-HC-HT	50950075349R	330
8	41.20	STL950/8G-5.0-H-P2.6-BK-HC-HT	50950085349R	330

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ950/2G-5.08-H-P2.6-BK-HC-HT	50950025329R	330
3	16.44	STLZ950/3G-5.08-H-P2.6-BK-HC-HT	50950035329R	330
4	21.52	STLZ950/4G-5.08-H-P2.6-BK-HC-HT	50950045329R	330
5	26.60	STLZ950/5G-5.08-H-P2.6-BK-HC-HT	50950055329R	330
6	31.68	STLZ950/6G-5.08-H-P2.6-BK-HC-HT	50950065329R	330
7	36.76	STLZ950/7G-5.08-H-P2.6-BK-HC-HT	50950075329R	330
8	41.84	STLZ950/8G-5.08-H-P2.6-BK-HC-HT	50950085329R	330

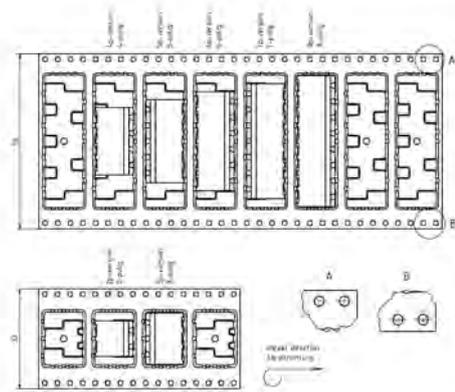
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Tape on Reel

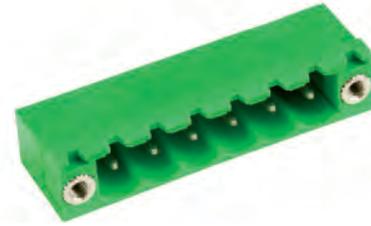
Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-3	13	32	16	330
4-8	13	56	16	330



Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..F-5.0-H-GREEN STLZ950/..F-5.08-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		BASALT GREY, RAL 7012
	LIGHT GREEN, similar RAL 6018		

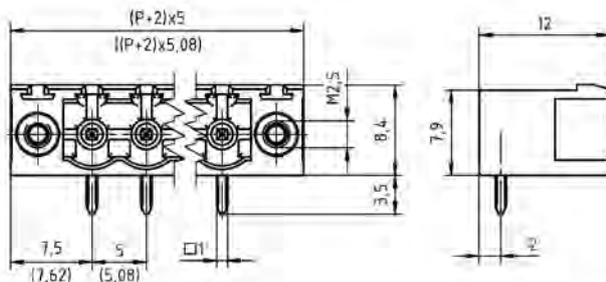
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block		
AK950	AK1200	AK4951

Counterparts (Spacing 5.08 mm)

Terminal Block				
AKZ950	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-H-GREEN	50950026001E	100
3	25.00	STL950/3F-5.0-H-GREEN	50950036001E	100
4	30.00	STL950/4F-5.0-H-GREEN	50950046001E	100
5	35.00	STL950/5F-5.0-H-GREEN	50950056001E	100
6	40.00	STL950/6F-5.0-H-GREEN	50950066001D	50
7	45.00	STL950/7F-5.0-H-GREEN	50950076001D	50
8	50.00	STL950/8F-5.0-H-GREEN	50950086001D	50
9	55.00	STL950/9F-5.0-H-GREEN	50950096001D	50
...
24	130.00	STL950/24F-5.0-H-GREEN	50950246001D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-H-GREEN	50950026021E	100
3	25.40	STLZ950/3F-5.08-H-GREEN	50950036021E	100
4	30.48	STLZ950/4F-5.08-H-GREEN	50950046021E	100
5	35.56	STLZ950/5F-5.08-H-GREEN	50950056021E	100
6	40.64	STLZ950/6F-5.08-H-GREEN	50950066021D	50
7	45.72	STLZ950/7F-5.08-H-GREEN	50950076021D	50
8	50.80	STLZ950/8F-5.08-H-GREEN	50950086021D	50
9	55.88	STLZ950/9F-5.08-H-GREEN	50950096021D	50
...
24	132.08	STLZ950/24F-5.08-H-GREEN	50950246021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..F-5.0-H-P2.6-BK-HT STLZ950/..F-5.08-H-P2.6-BK-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	60 s
Materials			
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

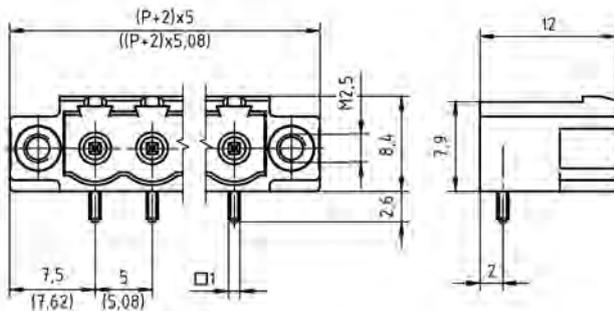
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block		
AK950	AK1200	AK4951

Counterparts (Spacing 5.08 mm)

Terminal Block				
AKZ950	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-H-P2.6-BK-HT	50950026347E	100
3	25.00	STL950/3F-5.0-H-P2.6-BK-HT	50950036347E	100
4	30.00	STL950/4F-5.0-H-P2.6-BK-HT	50950046347E	100
5	35.00	STL950/5F-5.0-H-P2.6-BK-HT	50950056347E	100
6	40.00	STL950/6F-5.0-H-P2.6-BK-HT	50950066347D	50
7	45.00	STL950/7F-5.0-H-P2.6-BK-HT	50950076347D	50
8	50.00	STL950/8F-5.0-H-P2.6-BK-HT	50950086347D	50
9	55.00	STL950/9F-5.0-H-P2.6-BK-HT	50950096347D	50
...
12	70.00	STL950/12F-5.0-H-P2.6-BK-HT	50950126347D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-H-P2.6-BK-HT	50950026327E	100
3	25.40	STLZ950/3F-5.08-H-P2.6-BK-HT	50950036327E	100
4	30.48	STLZ950/4F-5.08-H-P2.6-BK-HT	50950046327E	100
5	35.56	STLZ950/5F-5.08-H-P2.6-BK-HT	50950056327E	100
6	40.64	STLZ950/6F-5.08-H-P2.6-BK-HT	50950066327D	50
7	45.72	STLZ950/7F-5.08-H-P2.6-BK-HT	50950076327D	50
8	50.80	STLZ950/8F-5.08-H-P2.6-BK-HT	50950086327D	50
9	55.88	STLZ950/9F-5.08-H-P2.6-BK-HT	50950096327D	50
...
12	71.12	STLZ950/12F-5.08-H-P2.6-BK-HT	50950126327D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c ALUS			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL950/..F-5.0-H-P2.6-BK-HT STLZ950/..F-5.08-H-P2.6-BK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

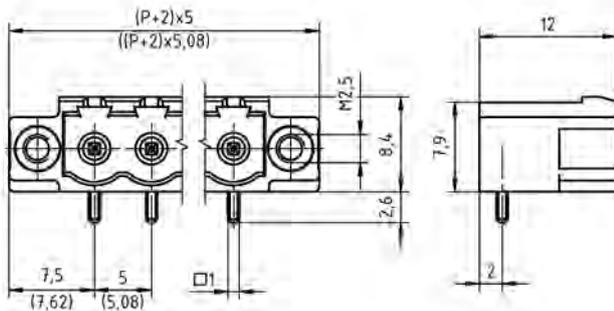
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block		
AK950	AK1200	AK4951

Counterparts (Spacing 5.08 mm)

Terminal Block				
AKZ950	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-H-P2.6-BK-HT	50950026347R	330
3	25.00	STL950/3F-5.0-H-P2.6-BK-HT	50950036347R	330
4	30.00	STL950/4F-5.0-H-P2.6-BK-HT	50950046347R	330
5	35.00	STL950/5F-5.0-H-P2.6-BK-HT	50950056347R	330
6	40.00	STL950/6F-5.0-H-P2.6-BK-HT	50950066347R	330

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-H-P2.6-BK-HT	50950026327R	330
3	25.40	STLZ950/3F-5.08-H-P2.6-BK-HT	50950036327R	330
4	30.48	STLZ950/4F-5.08-H-P2.6-BK-HT	50950046327R	330
5	35.56	STLZ950/5F-5.08-H-P2.6-BK-HT	50950056327R	330
6	40.64	STLZ950/6F-5.08-H-P2.6-BK-HT	50950066327R	330

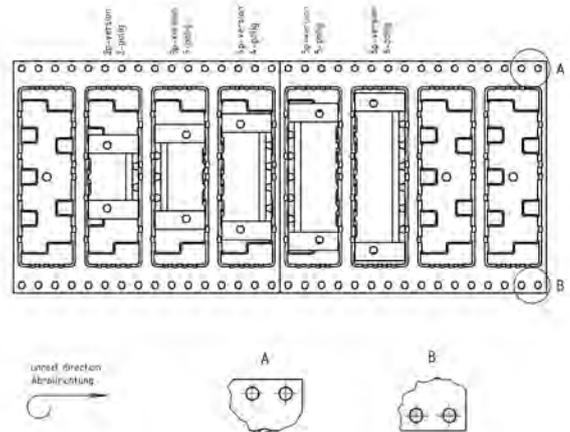
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

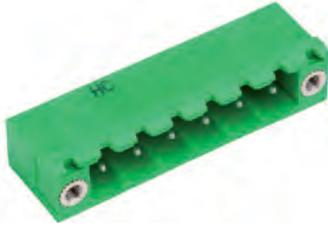
Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-6	13	56	16	330



Ratings

Usegroup	UL			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL950/..F-5.0-H-GREEN-HC STLZ950/..F-5.08-H-GREEN-HC

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	-
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	-
Materials			
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

	GREEN, RAL 6018		LIGHT GREEN, similar RAL 6018
--	-----------------	--	-------------------------------

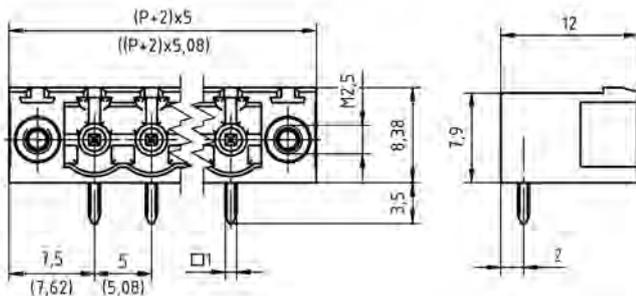
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block	
AK950	

Counterparts (Spacing 5.08 mm)

Terminal Block	
AKZ950	



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-H-GREEN-HC	50950026019E	100
3	25.00	STL950/3F-5.0-H-GREEN-HC	50950036019E	100
4	30.00	STL950/4F-5.0-H-GREEN-HC	50950046019D	50
5	35.00	STL950/5F-5.0-H-GREEN-HC	50950056019D	50
6	40.00	STL950/6F-5.0-H-GREEN-HC	50950066019D	50
7	45.00	STL950/7F-5.0-H-GREEN-HC	50950076019D	50
8	50.00	STL950/8F-5.0-H-GREEN-HC	50950086019D	50
9	55.00	STL950/9F-5.0-H-GREEN-HC	50950096019D	50
...
12	70.00	STL950/12F-5.0-H-GREEN-HC	50950126019D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-H-GREEN-HC	50950026039E	100
3	25.40	STLZ950/3F-5.08-H-GREEN-HC	50950036039E	100
4	30.48	STLZ950/4F-5.08-H-GREEN-HC	50950046039D	50
5	35.56	STLZ950/5F-5.08-H-GREEN-HC	50950056039D	50
6	40.64	STLZ950/6F-5.08-H-GREEN-HC	50950066039D	50
7	45.72	STLZ950/7F-5.08-H-GREEN-HC	50950076039D	50
8	50.80	STLZ950/8F-5.08-H-GREEN-HC	50950086039D	50
9	55.88	STLZ950/9F-5.08-H-GREEN-HC	50950096039D	50
...
12	71.12	STLZ950/12F-5.08-H-GREEN-HC	50950126039D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

Pin Strip | Spacing 5.0 mm / 5.08 mm

STL950/..F-5.0-H-P2.6-BK-HC-HT STLZ950/..F-5.08-H-P2.6-BK-HC-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	217 - 245 °C
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	60 s
Materials			
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

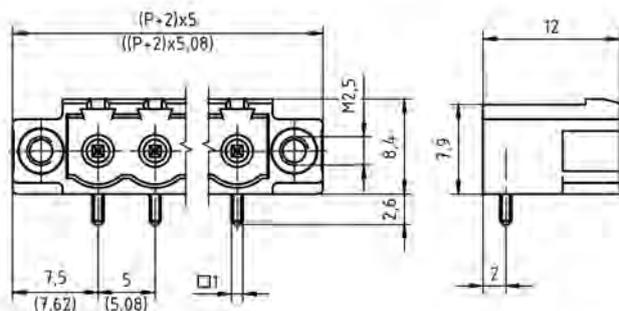
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-H-P2.6-BK-HC-HT	50950026349E	100
3	25.00	STL950/3F-5.0-H-P2.6-BK-HC-HT	50950036349E	100
4	30.00	STL950/4F-5.0-H-P2.6-BK-HC-HT	50950046349D	50
5	35.00	STL950/5F-5.0-H-P2.6-BK-HC-HT	50950056349D	50
6	40.00	STL950/6F-5.0-H-P2.6-BK-HC-HT	50950066349D	50
7	45.00	STL950/7F-5.0-H-P2.6-BK-HC-HT	50950076349D	50
8	50.00	STL950/8F-5.0-H-P2.6-BK-HC-HT	50950086349D	50
9	55.00	STL950/9F-5.0-H-P2.6-BK-HC-HT	50950096349D	50
...
12	70.00	STL950/12F-5.0-H-P2.6-BK-HC-HT	50950126349D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-H-P2.6-BK-HC-HT	50950026329E	100
3	25.40	STLZ950/3F-5.08-H-P2.6-BK-HC-HT	50950036329E	100
4	30.48	STLZ950/4F-5.08-H-P2.6-BK-HC-HT	50950046329D	50
5	35.56	STLZ950/5F-5.08-H-P2.6-BK-HC-HT	50950056329D	50
6	40.64	STLZ950/6F-5.08-H-P2.6-BK-HC-HT	50950066329D	50
7	45.72	STLZ950/7F-5.08-H-P2.6-BK-HC-HT	50950076329D	50
8	50.80	STLZ950/8F-5.08-H-P2.6-BK-HC-HT	50950086329D	50
9	55.88	STLZ950/9F-5.08-H-P2.6-BK-HC-HT	50950096329D	50
...
12	71.12	STLZ950/12F-5.08-H-P2.6-BK-HC-HT	50950126329D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



Pin Strip | Spacing 5.0 mm / 5.08 mm

STL950/..F-5.0-H-P2.6-BK-HC-HT STLZ950/..F-5.08-H-P2.6-BK-HC-HT

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PPA
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

■ BLACK, RAL 9011

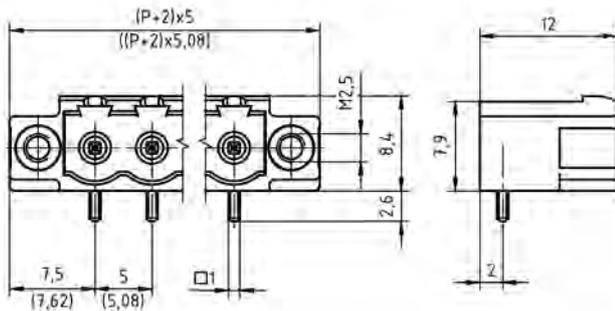
Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 5.0 mm)

Terminal Block
AK950

Counterparts (Spacing 5.08 mm)

Terminal Block
AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-H-P2.6-BK-HC-HT	50950026349R	330
3	25.00	STL950/3F-5.0-H-P2.6-BK-HC-HT	50950036349R	330
4	30.00	STL950/4F-5.0-H-P2.6-BK-HC-HT	50950046349R	330
5	35.00	STL950/5F-5.0-H-P2.6-BK-HC-HT	50950056349R	330
6	40.00	STL950/6F-5.0-H-P2.6-BK-HC-HT	50950066349R	330

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	20.32	STLZ950/2F-5.08-H-P2.6-BK-HC-HT	50950026329R	330
3	25.40	STLZ950/3F-5.08-H-P2.6-BK-HC-HT	50950036329R	330
4	30.48	STLZ950/4F-5.08-H-P2.6-BK-HC-HT	50950046329R	330
5	35.56	STLZ950/5F-5.08-H-P2.6-BK-HC-HT	50950056329R	330
6	40.64	STLZ950/6F-5.08-H-P2.6-BK-HC-HT	50950066329R	330

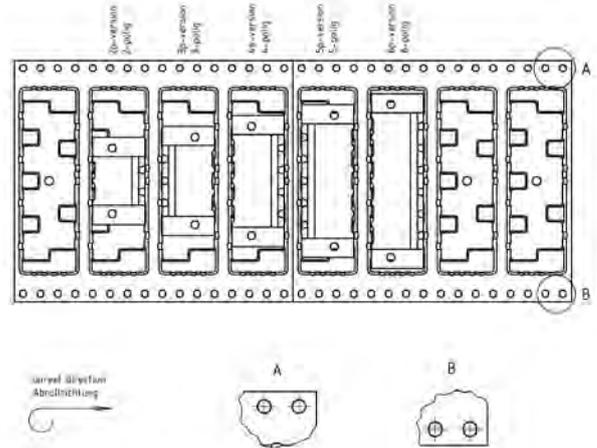
Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	50000000028

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
2-6	13	56	16	330



Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	16 A	16 A	10 A	16 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STLZ950/..-5.08-H-GREEN-INV



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Spring	Bronze		

Colours

GREEN, RAL 6018
 LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block				
AKZ950	STLZ950	STLZ990	STLZ970	AKZS950

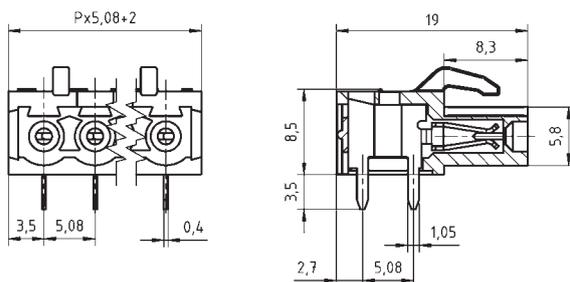
Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	12.16	STLZ950/2-5.08-H-GREEN-INV	50950029021F	200
3	17.24	STLZ950/3-5.08-H-GREEN-INV	50950039021F	200
4	22.32	STLZ950/4-5.08-H-GREEN-INV	50950049021F	200
5	27.40	STLZ950/5-5.08-H-GREEN-INV	50950059021E	100
6	32.48	STLZ950/6-5.08-H-GREEN-INV	50950069021E	100
7	37.56	STLZ950/7-5.08-H-GREEN-INV	50950079021E	100
8	42.64	STLZ950/8-5.08-H-GREEN-INV	50950089021D	50
9	47.72	STLZ950/9-5.08-H-GREEN-INV	50950099021D	50
10	52.80	STLZ950/10-5.08-H-GREEN-INV	50950109021D	50
11	57.88	STLZ950/11-5.08-H-GREEN-INV	50950119021D	50
12	62.96	STLZ950/12-5.08-H-GREEN-INV	50950129021D	50
13	68.04	STLZ950/13-5.08-H-GREEN-INV	50950139021D	50
14	73.12	STLZ950/14-5.08-H-GREEN-INV	50950149021D	50
15	78.20	STLZ950/15-5.08-H-GREEN-INV	50950159021D	50
16	83.28	STLZ950/16-5.08-H-GREEN-INV	50950169021D	50
17	88.36	STLZ950/17-5.08-H-GREEN-INV	50950179021D	50
18	93.44	STLZ950/18-5.08-H-GREEN-INV	50950189021D	50
19	98.52	STLZ950/19-5.08-H-GREEN-INV	50950199021D	50
20	103.60	STLZ950/20-5.08-H-GREEN-INV	50950209021D	50
21	108.68	STLZ950/21-5.08-H-GREEN-INV	50950219021D	50
22	113.76	STLZ950/22-5.08-H-GREEN-INV	50950229021D	50
23	118.84	STLZ950/23-5.08-H-GREEN-INV	50950239021D	50
24	123.92	STLZ950/24-5.08-H-GREEN-INV	50950249021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS4-5.0/5.08-RED	50000000026

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.



Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	4.0 kV
Pollution Degree				3

STL955/..-5.0-OL-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.6 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

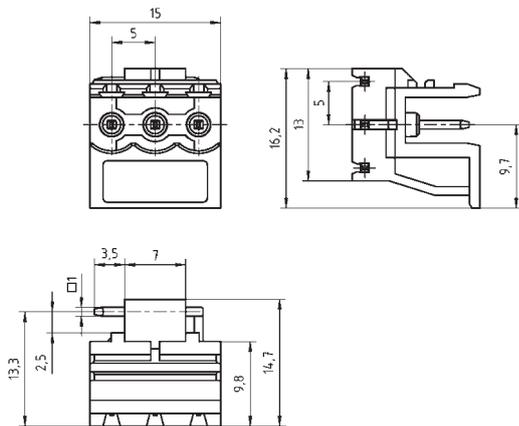
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block					
AK955	AK950	AK1100	AK1110	AK4951	AK3950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
3	15.00	STL955/3-5.0-OL-GREEN	50955035061D	50
4	20.00	STL955/4-5.0-OL-GREEN	50955045061D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS3-5.0/5.08-RED	50000000025

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	9 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV
Pollution Degree				3

STL955/..-5.0-OR-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.6 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

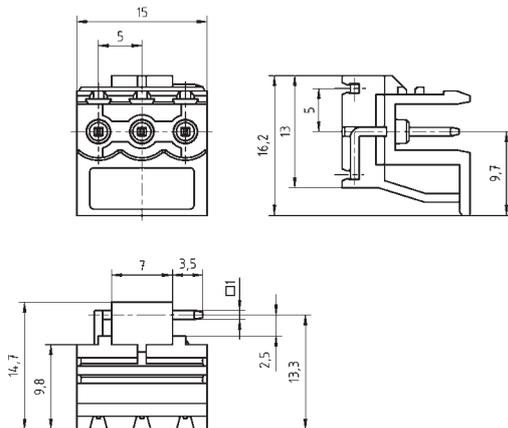
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block					
AK955	AK950	AK1100	AK1110	AK4951	AK3950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
3	15.00	STL955/3-5.0-OR-GREEN	50955035071D	50
4	20.00	STL955/4-5.0-OR-GREEN	50955045071D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS3-5.0/5.08-RED	50000000025

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	10 A	-	10 A	9 A
Overtoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV
Pollution Degree				3

STLZ970/..-5.08-V-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

Colours

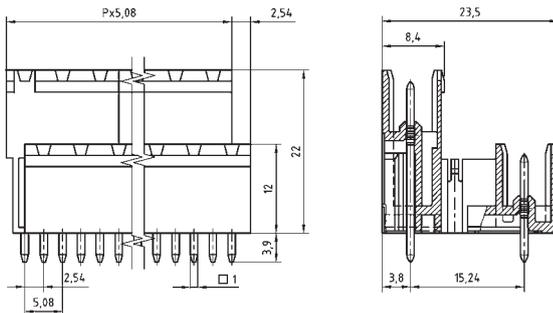
	GREEN, RAL 6018		PEBBLE GREY, RAL 7032
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950-INV AKZ950 AKZ955 AKZ1100 AKZ1110 AKZ1200 AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	12.70	STLZ970/2-5.08-V-GREEN	50970025131E	100
3	17.78	STLZ970/3-5.08-V-GREEN	50970035131E	100
4	22.86	STLZ970/4-5.08-V-GREEN	50970045131E	100
5	27.94	STLZ970/5-5.08-V-GREEN	50970055131D	50
6	33.02	STLZ970/6-5.08-V-GREEN	50970065131D	50
7	38.10	STLZ970/7-5.08-V-GREEN	50970075131D	50
8	43.18	STLZ970/8-5.08-V-GREEN	50970085131D	50
9	48.26	STLZ970/9-5.08-V-GREEN	50970095131D	50
10	53.34	STLZ970/10-5.08-V-GREEN	50970105131D	50
11	58.42	STLZ970/11-5.08-V-GREEN	50970115131D	50
12	63.50	STLZ970/12-5.08-V-GREEN	50970125131D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Side Wall and/or Spacer SW/SE-STL970-GREEN	50970000000
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STLZ970/..-5.08-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

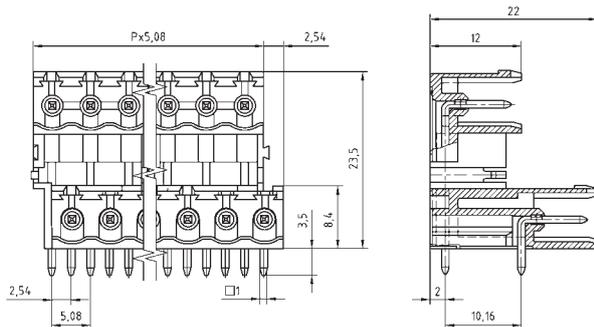
Colours

	GREEN, RAL 6018		PEBBLE GREY, RAL 7032
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block						
STLZ950-INV	AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	12.70	STLZ970/2-5.08-H-GREEN	50970025031E	100
3	17.78	STLZ970/3-5.08-H-GREEN	50970035031E	100
4	22.86	STLZ970/4-5.08-H-GREEN	50970045031E	100
5	27.94	STLZ970/5-5.08-H-GREEN	50970055031D	50
6	33.02	STLZ970/6-5.08-H-GREEN	50970065031D	50
7	38.10	STLZ970/7-5.08-H-GREEN	50970075031D	50
8	43.18	STLZ970/8-5.08-H-GREEN	50970085031D	50
9	48.26	STLZ970/9-5.08-H-GREEN	50970095031D	50
10	53.34	STLZ970/10-5.08-H-GREEN	50970105031D	50
11	58.42	STLZ970/11-5.08-H-GREEN	50970115031D	50
12	63.50	STLZ970/12-5.08-H-GREEN	50970125031D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Side Wall and/or Spacer SW/SE-STL970-GREEN	50970000000
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STLZ970/..G-5.08-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	-
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	-
Materials			
Contact Pin	Copper Alloy		

Colours

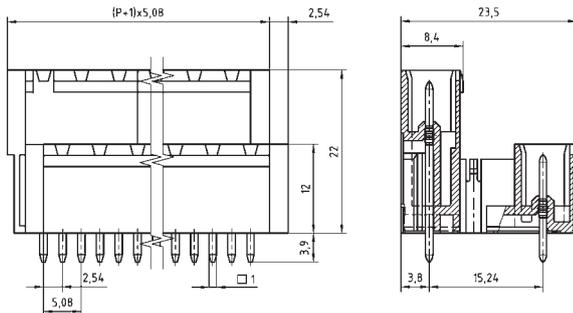
	GREEN, RAL 6018		PEBBLE GREY, RAL 7032
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block

STLZ950-INV AKZ950 AKZ955 AKZ1100 AKZ1110 AKZ1200 AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.78	STLZ970/2G-5.08-V-GREEN	50970025121E	100
3	22.86	STLZ970/3G-5.08-V-GREEN	50970035121E	100
4	27.94	STLZ970/4G-5.08-V-GREEN	50970045121E	100
5	33.02	STLZ970/5G-5.08-V-GREEN	50970055121D	50
6	38.10	STLZ970/6G-5.08-V-GREEN	50970065121D	50
7	43.18	STLZ970/7G-5.08-V-GREEN	50970075121D	50
8	48.26	STLZ970/8G-5.08-V-GREEN	50970085121D	50
9	53.34	STLZ970/9G-5.08-V-GREEN	50970095121D	50
10	58.42	STLZ970/10G-5.08-V-GREEN	50970105121D	50
11	63.50	STLZ970/11G-5.08-V-GREEN	50970115121D	50
12	68.58	STLZ970/12G-5.08-V-GREEN	50970125121D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Side Wall and/or Spacer SW/SE-STL970-GREEN	50970000000
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STLZ970/..G-5.08-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

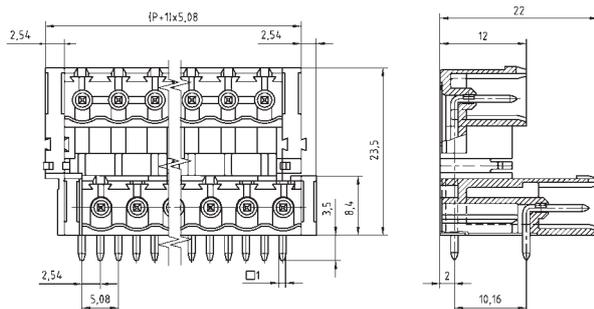
Colours

	GREEN, RAL 6018		PEBBLE GREY, RAL 7032
	LIGHT GREEN, similar RAL 6018		

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block						
STLZ950-INV	AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	17.78	STLZ970/2G-5.08-H-GREEN	50970025021E	100
3	22.86	STLZ970/3G-5.08-H-GREEN	50970035021E	100
4	27.94	STLZ970/4G-5.08-H-GREEN	50970045021E	100
5	33.02	STLZ970/5G-5.08-H-GREEN	50970055021D	50
6	38.10	STLZ970/6G-5.08-H-GREEN	50970065021D	50
7	43.18	STLZ970/7G-5.08-H-GREEN	50970075021D	50
8	48.26	STLZ970/8G-5.08-H-GREEN	50970085021D	50
9	53.34	STLZ970/9G-5.08-H-GREEN	50970095021D	50
10	58.42	STLZ970/10G-5.08-H-GREEN	50970105021D	50
11	63.50	STLZ970/11G-5.08-H-GREEN	50970115021D	50
12	68.58	STLZ970/12G-5.08-H-GREEN	50970125021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Side Wall and/or Spacer SW/SE-STL970-GREEN	50970000000
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STLZ970/..F-5.08-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

Colours

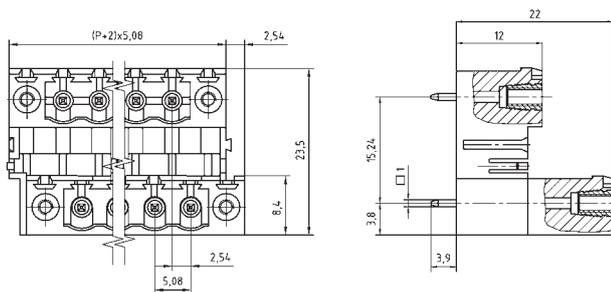
 GREEN, RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Terminal Block

AKZ1200 AKZ950 AKZ1100 AKZ1110



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	22.86	STLZ970/2F-5.08-V-GREEN	50970026121D	50
3	27.94	STLZ970/3F-5.08-V-GREEN	50970036121D	50
4	33.02	STLZ970/4F-5.08-V-GREEN	50970046121D	50
5	38.10	STLZ970/5F-5.08-V-GREEN	50970056121D	50
6	43.18	STLZ970/6F-5.08-V-GREEN	50970066121D	50
7	48.26	STLZ970/7F-5.08-V-GREEN	50970076121D	50
8	53.34	STLZ970/8F-5.08-V-GREEN	50970086121D	50
9	58.42	STLZ970/9F-5.08-V-GREEN	50970096121D	50
10	63.50	STLZ970/10F-5.08-V-GREEN	50970106121D	50
11	68.58	STLZ970/11F-5.08-V-GREEN	50970116121D	50
12	73.66	STLZ970/12F-5.08-V-GREEN	50970126121D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STLZ970/..F-5.08-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Copper Alloy		

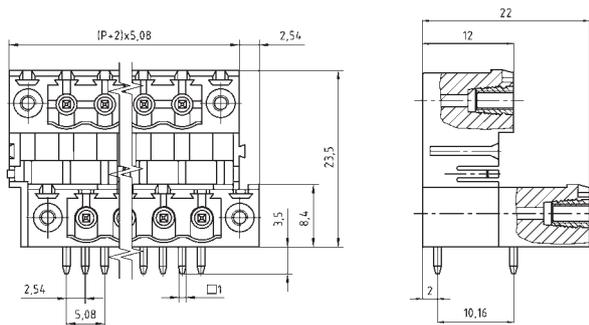
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Terminal Block			
AKZ1200	AKZ950	AKZ1100	AKZ1110



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	22.86	STLZ970/2F-5.08-H-GREEN	50970026021D	50
3	27.94	STLZ970/3F-5.08-H-GREEN	50970036021D	50
4	33.02	STLZ970/4F-5.08-H-GREEN	50970046021D	50
5	38.10	STLZ970/5F-5.08-H-GREEN	50970056021D	50
6	43.18	STLZ970/6F-5.08-H-GREEN	50970066021D	50
7	48.26	STLZ970/7F-5.08-H-GREEN	50970076021D	50
8	53.34	STLZ970/8F-5.08-H-GREEN	50970086021D	50
9	58.42	STLZ970/9F-5.08-H-GREEN	50970096021D	50
10	63.50	STLZ970/10F-5.08-H-GREEN	50970106021D	50
11	68.58	STLZ970/11F-5.08-H-GREEN	50970116021D	50
12	73.66	STLZ970/12F-5.08-H-GREEN	50970126021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3



STL975/..G-5.0-V-GREEN

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
		Peak Soldering Time, recommended	3 s / 10 s
Dimensions		Reflow Process	
Stripped Length	-	Soldering Temperature, recommended	-
PCB Hole Diameter	1.4 mm	Peak Soldering Time, recommended	-
Materials			
Contact Pin	Copper Alloy		

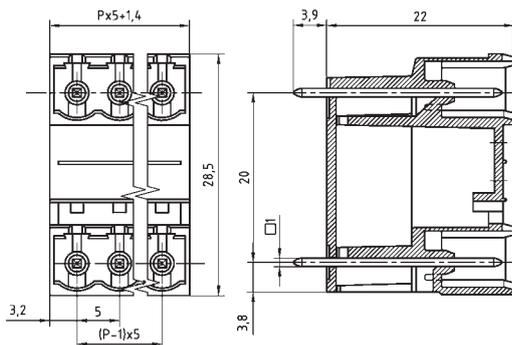
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block			
AK950	AK955	AK1100	AK1110



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.40	STL975/2G-5.0-V-GREEN	50975025101D	50
3	16.40	STL975/3G-5.0-V-GREEN	50975035101D	50
4	21.40	STL975/4G-5.0-V-GREEN	50975045101D	50
5	26.40	STL975/5G-5.0-V-GREEN	50975055101D	50
6	31.40	STL975/6G-5.0-V-GREEN	50975065101D	50
7	36.40	STL975/7G-5.0-V-GREEN	50975075101D	50
8	41.40	STL975/8G-5.0-V-GREEN	50975085101D	50
9	46.40	STL975/9G-5.0-V-GREEN	50975095101D	50
10	51.40	STL975/10G-5.0-V-GREEN	50975105101D	50
11	56.40	STL975/11G-5.0-V-GREEN	50975115101D	50
12	61.40	STL975/12G-5.0-V-GREEN	50975125101D	50
13	66.40	STL975/13G-5.0-V-GREEN	50975135101D	50
14	71.40	STL975/14G-5.0-V-GREEN	50975145101D	50
15	76.40	STL975/15G-5.0-V-GREEN	50975155101D	50
16	81.40	STL975/16G-5.0-V-GREEN	50975165101D	50
17	86.40	STL975/17G-5.0-V-GREEN	50975175101D	50
18	91.40	STL975/18G-5.0-V-GREEN	50975185101D	50
19	96.40	STL975/19G-5.0-V-GREEN	50975195101D	50
20	101.40	STL975/20G-5.0-V-GREEN	50975205101D	50
21	106.40	STL975/21G-5.0-V-GREEN	50975215101D	50
22	111.40	STL975/22G-5.0-V-GREEN	50975225101D	50
23	116.40	STL975/23G-5.0-V-GREEN	50975235101D	50
24	121.40	STL975/24G-5.0-V-GREEN	50975245101D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STL975/..G-5.0-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

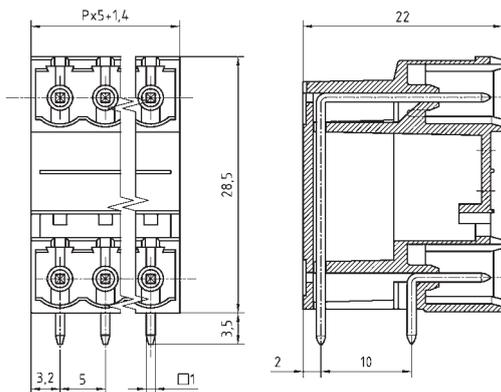
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Terminal Block			
AK950	AK955	AK1100	AK1110



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.40	STL975/2G-5.0-H-GREEN	50975025001D	50
3	16.40	STL975/3G-5.0-H-GREEN	50975035001D	50
4	21.40	STL975/4G-5.0-H-GREEN	50975045001D	50
5	26.40	STL975/5G-5.0-H-GREEN	50975055001D	50
6	31.40	STL975/6G-5.0-H-GREEN	50975065001D	50
7	36.40	STL975/7G-5.0-H-GREEN	50975075001D	50
8	41.40	STL975/8G-5.0-H-GREEN	50975085001D	50
9	46.40	STL975/9G-5.0-H-GREEN	50975095001D	50
10	51.40	STL975/10G-5.0-H-GREEN	50975105001D	50
11	56.40	STL975/11G-5.0-H-GREEN	50975115001D	50
12	61.40	STL975/12G-5.0-H-GREEN	50975125001D	50
13	66.40	STL975/13G-5.0-H-GREEN	50975135001D	50
14	71.40	STL975/14G-5.0-H-GREEN	50975145001D	50
15	76.40	STL975/15G-5.0-H-GREEN	50975155001D	50
16	81.40	STL975/16G-5.0-H-GREEN	50975165001D	50
17	86.40	STL975/17G-5.0-H-GREEN	50975175001D	50
18	91.40	STL975/18G-5.0-H-GREEN	50975185001D	50
19	96.40	STL975/19G-5.0-H-GREEN	50975195001D	50
20	101.40	STL975/20G-5.0-H-GREEN	50975205001D	50
21	106.40	STL975/21G-5.0-H-GREEN	50975215001D	50
22	111.40	STL975/22G-5.0-H-GREEN	50975225001D	50
23	116.40	STL975/23G-5.0-H-GREEN	50975235001D	50
24	121.40	STL975/24G-5.0-H-GREEN	50975245001D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STLZ990/..-5.08-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

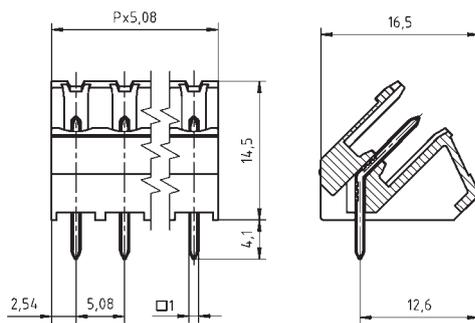
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block						
STLZ950-INV	AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	STLZ990/2-5.08-GREEN	50990025131F	200
3	15.24	STLZ990/3-5.08-GREEN	50990035131F	200
4	20.32	STLZ990/4-5.08-GREEN	50990045131F	200
5	25.40	STLZ990/5-5.08-GREEN	50990055131E	100
6	30.48	STLZ990/6-5.08-GREEN	50990065131E	100
7	35.56	STLZ990/7-5.08-GREEN	50990075131E	100
8	40.64	STLZ990/8-5.08-GREEN	50990085131D	50
9	45.72	STLZ990/9-5.08-GREEN	50990095131D	50
10	50.80	STLZ990/10-5.08-GREEN	50990105131D	50
11	55.88	STLZ990/11-5.08-GREEN	50990115131D	50
12	60.96	STLZ990/12-5.08-GREEN	50990125131D	50
13	66.04	STLZ990/13-5.08-GREEN	50990135131D	50
14	71.12	STLZ990/14-5.08-GREEN	50990145131D	50
15	76.20	STLZ990/15-5.08-GREEN	50990155131D	50
16	81.28	STLZ990/16-5.08-GREEN	50990165131D	50
17	86.36	STLZ990/17-5.08-GREEN	50990175131D	50
18	91.44	STLZ990/18-5.08-GREEN	50990185131D	50
19	96.52	STLZ990/19-5.08-GREEN	50990195131D	50
20	101.60	STLZ990/20-5.08-GREEN	50990205131D	50
21	106.68	STLZ990/21-5.08-GREEN	50990215131D	50
22	111.76	STLZ990/22-5.08-GREEN	50990225131D	50
23	116.84	STLZ990/23-5.08-GREEN	50990235131D	50
24	121.92	STLZ990/24-5.08-GREEN	50990245131D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STLZ990/..G-5.08-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

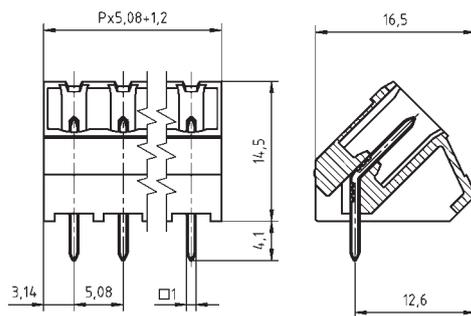
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

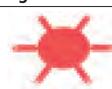
Pin Strip / Terminal Block						
STLZ950-INV	AKZ950	AKZ955	AKZ1100	AKZ1110	AKZ1200	AKZ4951



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	11.36	STLZ990/2G-5.08-GREEN	50990025121F	200
3	16.44	STLZ990/3G-5.08-GREEN	50990035121F	200
4	21.52	STLZ990/4G-5.08-GREEN	50990045121F	200
5	26.60	STLZ990/5G-5.08-GREEN	50990055121E	100
6	31.68	STLZ990/6G-5.08-GREEN	50990065121E	100
7	36.76	STLZ990/7G-5.08-GREEN	50990075121E	100
8	41.84	STLZ990/8G-5.08-GREEN	50990085121D	50
9	46.92	STLZ990/9G-5.08-GREEN	50990095121D	50
10	52.00	STLZ990/10G-5.08-GREEN	50990105121D	50
11	57.08	STLZ990/11G-5.08-GREEN	50990115121D	50
12	62.16	STLZ990/12G-5.08-GREEN	50990125121D	50
13	67.24	STLZ990/13G-5.08-GREEN	50990135121D	50
14	72.32	STLZ990/14G-5.08-GREEN	50990145121D	50
15	77.40	STLZ990/15G-5.08-GREEN	50990155121D	50
16	82.48	STLZ990/16G-5.08-GREEN	50990165121D	50
17	87.56	STLZ990/17G-5.08-GREEN	50990175121D	50
18	92.64	STLZ990/18G-5.08-GREEN	50990185121D	50
19	97.72	STLZ990/19G-5.08-GREEN	50990195121D	50
20	102.80	STLZ990/20G-5.08-GREEN	50990205121D	50
21	107.88	STLZ990/21G-5.08-GREEN	50990215121D	50
22	112.96	STLZ990/22G-5.08-GREEN	50990225121D	50
23	118.04	STLZ990/23G-5.08-GREEN	50990235121D	50
24	123.12	STLZ990/24G-5.08-GREEN	50990245121D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	UL US			VDE
	B	C	D	
Rated Voltage	300 V	150 V	300 V	250 V
Rated Current	15 A	15 A	10 A	10 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV
Pollution Degree				3

STLZ960/..-7.62-V-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

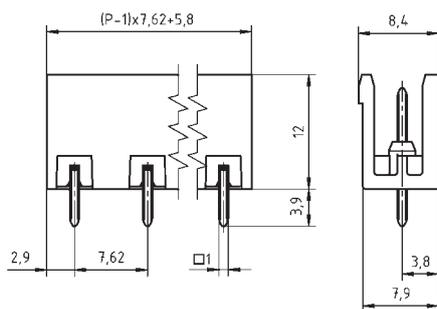
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 7.62 mm)

Terminal Block
AKZ960



Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.42	STLZ960/2-7.62-V-GREEN	50960025131E	100
3	21.04	STLZ960/3-7.62-V-GREEN	50960035131E	100
4	28.66	STLZ960/4-7.62-V-GREEN	50960045131E	100
5	36.28	STLZ960/5-7.62-V-GREEN	50960055131E	100
6	43.90	STLZ960/6-7.62-V-GREEN	50960065131D	50
7	51.52	STLZ960/7-7.62-V-GREEN	50960075131D	50
8	59.14	STLZ960/8-7.62-V-GREEN	50960085131D	50
9	66.76	STLZ960/9-7.62-V-GREEN	50960095131D	50
10	74.38	STLZ960/10-7.62-V-GREEN	50960105131D	50
11	82.00	STLZ960/11-7.62-V-GREEN	50960115131D	50
12	89.62	STLZ960/12-7.62-V-GREEN	50960125131D	50
13	97.24	STLZ960/13-7.62-V-GREEN	50960135131D	50
14	104.86	STLZ960/14-7.62-V-GREEN	50960145131D	50
15	112.48	STLZ960/15-7.62-V-GREEN	50960155131D	50
16	120.10	STLZ960/16-7.62-V-GREEN	50960165131D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	400 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	6.0 kV
Pollution Degree				3

STLZ960/..G-7.62-V-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

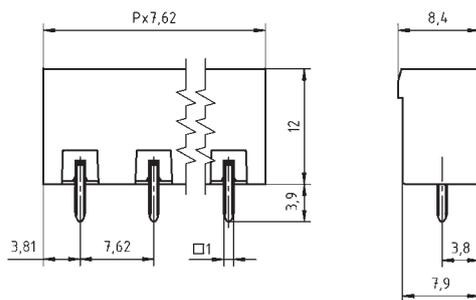
Colours

GREEN, RAL 6018
 LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 7.62 mm)

Terminal Block
AKZ960



Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.24	STLZ960/2G-7.62-V-GREEN	50960025121E	100
3	22.86	STLZ960/3G-7.62-V-GREEN	50960035121E	100
4	30.48	STLZ960/4G-7.62-V-GREEN	50960045121E	100
5	38.10	STLZ960/5G-7.62-V-GREEN	50960055121E	100
6	45.72	STLZ960/6G-7.62-V-GREEN	50960065121D	50
7	53.34	STLZ960/7G-7.62-V-GREEN	50960075121D	50
8	60.96	STLZ960/8G-7.62-V-GREEN	50960085121D	50
9	68.58	STLZ960/9G-7.62-V-GREEN	50960095121D	50
10	76.20	STLZ960/10G-7.62-V-GREEN	50960105121D	50
11	83.82	STLZ960/11G-7.62-V-GREEN	50960115121D	50
12	91.44	STLZ960/12G-7.62-V-GREEN	50960125121D	50
13	99.06	STLZ960/13G-7.62-V-GREEN	50960135121D	50
14	106.68	STLZ960/14G-7.62-V-GREEN	50960145121D	50
15	114.30	STLZ960/15G-7.62-V-GREEN	50960155121D	50
16	121.92	STLZ960/16G-7.62-V-GREEN	50960165121D	50

Accessories

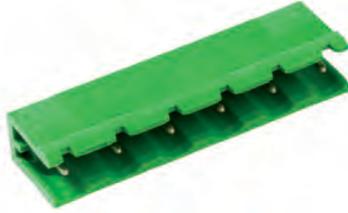
Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	400 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	6.0 kV
Pollution Degree				3

STLZ960/..-7.62-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

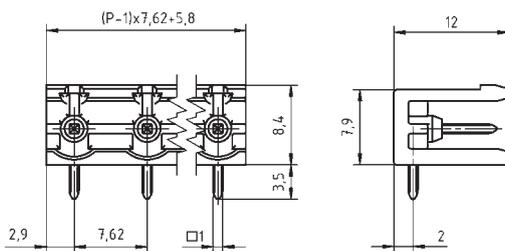
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 7.62 mm)

Terminal Block
AKZ960



Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.42	STLZ960/2-7.62-H-GREEN	50960025031E	100
3	21.04	STLZ960/3-7.62-H-GREEN	50960035031E	100
4	28.66	STLZ960/4-7.62-H-GREEN	50960045031E	100
5	36.28	STLZ960/5-7.62-H-GREEN	50960055031E	100
6	43.90	STLZ960/6-7.62-H-GREEN	50960065031D	50
7	51.52	STLZ960/7-7.62-H-GREEN	50960075031D	50
8	59.14	STLZ960/8-7.62-H-GREEN	50960085031D	50
9	66.76	STLZ960/9-7.62-H-GREEN	50960095031D	50
10	74.38	STLZ960/10-7.62-H-GREEN	50960105031D	50
11	82.00	STLZ960/11-7.62-H-GREEN	50960115031D	50
12	89.62	STLZ960/12-7.62-H-GREEN	50960125031D	50
13	97.24	STLZ960/13-7.62-H-GREEN	50960135031D	50
14	104.86	STLZ960/14-7.62-H-GREEN	50960145031D	50
15	112.48	STLZ960/15-7.62-H-GREEN	50960155031D	50
16	120.10	STLZ960/16-7.62-H-GREEN	50960165031D	50

Accessories

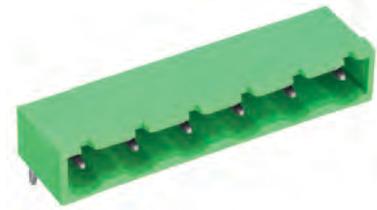
Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	400 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	6.0 kV
Pollution Degree				3

STLZ960/..G-7.62-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max		Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max		Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.4 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Copper Alloy		

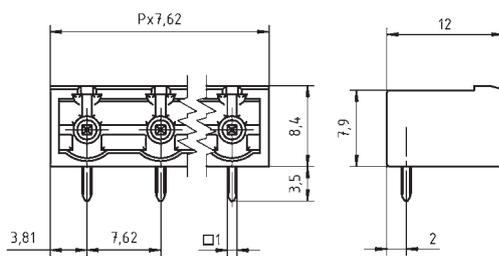
Colours

GREEN, RAL 6018
 LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 7.62 mm)

Terminal Block
AKZ960



Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.24	STLZ960/2G-7.62-H-GREEN	50960025021E	100
3	22.86	STLZ960/3G-7.62-H-GREEN	50960035021E	100
4	30.48	STLZ960/4G-7.62-H-GREEN	50960045021E	100
5	38.10	STLZ960/5G-7.62-H-GREEN	50960055021E	100
6	45.72	STLZ960/6G-7.62-H-GREEN	50960065021D	50
7	53.34	STLZ960/7G-7.62-H-GREEN	50960075021D	50
8	60.96	STLZ960/8G-7.62-H-GREEN	50960085021D	50
9	68.58	STLZ960/9G-7.62-H-GREEN	50960095021D	50
10	76.20	STLZ960/10G-7.62-H-GREEN	50960105021D	50
11	83.82	STLZ960/11G-7.62-H-GREEN	50960115021D	50
12	91.44	STLZ960/12G-7.62-H-GREEN	50960125021D	50
13	99.06	STLZ960/13G-7.62-H-GREEN	50960135021D	50
14	106.68	STLZ960/14G-7.62-H-GREEN	50960145021D	50
15	114.30	STLZ960/15G-7.62-H-GREEN	50960155021D	50
16	121.92	STLZ960/16G-7.62-H-GREEN	50960165021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	50000000024
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	150 V	300 V	400 V
Rated Current	15 A	15 A	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	6.0 kV
Pollution Degree				3

STLZ965/..F-7.62-V-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.6 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Brass		

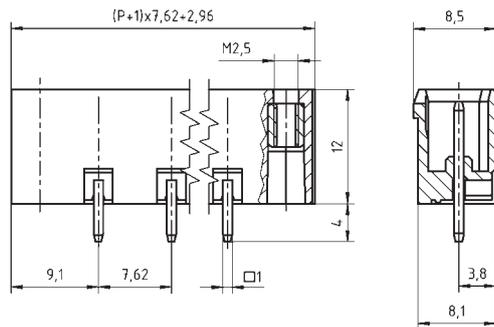
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 7.62 mm)

Terminal Block
AKZ965



Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	25.82	STLZ965/2F-7.62-V-GREEN	50965026121E	100
3	33.44	STLZ965/3F-7.62-V-GREEN	50965036121E	100
4	41.06	STLZ965/4F-7.62-V-GREEN	50965046121D	50
5	48.68	STLZ965/5F-7.62-V-GREEN	50965056121D	50
6	56.30	STLZ965/6F-7.62-V-GREEN	50965066121D	50
7	63.92	STLZ965/7F-7.62-V-GREEN	50965076121D	50
8	71.54	STLZ965/8F-7.62-V-GREEN	50965086121D	50
9	79.16	STLZ965/9F-7.62-V-GREEN	50965096121D	50
10	86.78	STLZ965/10F-7.62-V-GREEN	50965106121D	50
11	94.40	STLZ965/11F-7.62-V-GREEN	50965116121D	50
12	102.02	STLZ965/12F-7.62-V-GREEN	50965126121D	50
13	109.64	STLZ965/13F-7.62-V-GREEN	50965136121D	50
14	117.26	STLZ965/14F-7.62-V-GREEN	50965146121D	50
15	124.88	STLZ965/15F-7.62-V-GREEN	50965156121D	50
16	132.50	STLZ965/16F-7.62-V-GREEN	50965166121D	50

Accessories

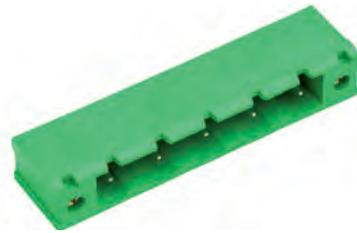
Figure	Designation	Article Number
	Coding Star CS3-5.0/5.08-RED	50000000025
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	400 V
Rated Current	10 A	-	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	6.0 kV
Pollution Degree				3

STLZ965/..F-7.62-H-GREEN



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PBT
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.6 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Thread Insert, Flange	Brass		
Contact Pin	Brass		

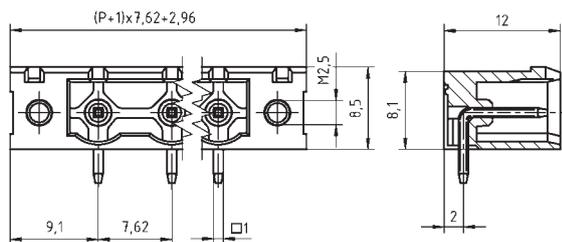
Colours

 GREEN, RAL 6018  LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 7.62 mm)

Terminal Block
AKZ965



Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	25.82	STLZ965/2F-7.62-H-GREEN	50965026021E	100
3	33.44	STLZ965/3F-7.62-H-GREEN	50965036021E	100
4	41.06	STLZ965/4F-7.62-H-GREEN	50965046021D	50
5	48.68	STLZ965/5F-7.62-H-GREEN	50965056021D	50
6	56.30	STLZ965/6F-7.62-H-GREEN	50965066021D	50
7	63.92	STLZ965/7F-7.62-H-GREEN	50965076021D	50
8	71.54	STLZ965/8F-7.62-H-GREEN	50965086021D	50
9	79.16	STLZ965/9F-7.62-H-GREEN	50965096021D	50
10	86.78	STLZ965/10F-7.62-H-GREEN	50965106021D	50
11	94.40	STLZ965/11F-7.62-H-GREEN	50965116021D	50
12	102.02	STLZ965/12F-7.62-H-GREEN	50965126021D	50
13	109.64	STLZ965/13F-7.62-H-GREEN	50965136021D	50
14	117.26	STLZ965/14F-7.62-H-GREEN	50965146021D	50
15	124.88	STLZ965/15F-7.62-H-GREEN	50965156021D	50
16	132.50	STLZ965/16F-7.62-H-GREEN	50965166021D	50

Accessories

Figure	Designation	Article Number
	Coding Star CS3-5.0/5.08-RED	50000000025
	Separating Element SE-STL950-GREEN	50950000002

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup				
	B	C	D	
Rated Voltage	300 V	-	300 V	400 V
Rated Current	10 A	-	10 A	12 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	1.6 kV	6.0 kV
Pollution Degree				3



STL130/..-10.0-V-BLACK STLZ130/..-10.16-V-BLACK

Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min		Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.5 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

Colours

 BLACK, RAL 9011	 LIGHT GREY, RAL 7035
 GREEN, RAL 6018	 ORANGE, RAL 2011
 RED, RAL 3003	 BLUE, RAL 5015
 YELLOW, RAL 1018	 LIGHT GREEN, similar RAL 6018

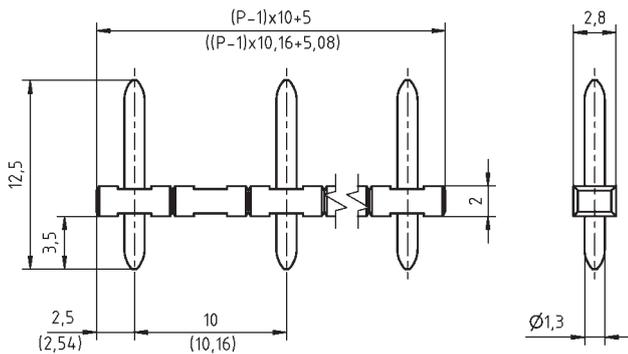
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 10.0 mm)

Terminal Block
AK130

Counterparts (Spacing 10.16 mm)

Terminal Block
AKZ130



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	STL130/2-10.0-V-BLACK	50130025021F	200
3	25.00	STL130/3-10.0-V-BLACK	50130035021E	100
4	35.00	STL130/4-10.0-V-BLACK	50130045021E	100
5	45.00	STL130/5-10.0-V-BLACK	50130055021E	100
6	55.00	STL130/6-10.0-V-BLACK	50130065021D	50
7	65.00	STL130/7-10.0-V-BLACK	50130075021D	50
8	75.00	STL130/8-10.0-V-BLACK	50130085021D	50
9	85.00	STL130/9-10.0-V-BLACK	50130095021D	50
...
12	115.00	STL130/12-10.0-V-BLACK	50130125021D	50

Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.24	STLZ130/2-10.16-V-BLACK	50130025071F	200
3	25.40	STLZ130/3-10.16-V-BLACK	50130035071E	100
4	35.56	STLZ130/4-10.16-V-BLACK	50130045071E	100
5	45.72	STLZ130/5-10.16-V-BLACK	50130055071E	100
6	55.88	STLZ130/6-10.16-V-BLACK	50130065071D	50

Black: 2- to 6-poles available

Ratings

Usegroup	c 			
	B	C	D	
Rated Voltage	300 V	150 V	300 V	630 V
Rated Current	10 A	10 A	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	6.0 kV
Pollution Degree				3

STL130/..-10.0-V-BLACK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.5 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

Colours

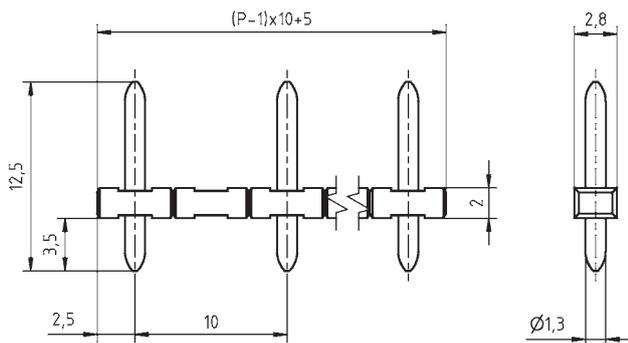
■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 10.0 mm)

Terminal Block

AK130



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	STL130/2-10.0-V-BLACK-HT	50130025061F	200
3	25.00	STL130/3-10.0-V-BLACK-HT	50130035061E	100
4	35.00	STL130/4-10.0-V-BLACK-HT	50130045061E	100
5	45.00	STL130/5-10.0-V-BLACK-HT	50130055061E	100
6	55.00	STL130/6-10.0-V-BLACK-HT	50130065061D	50
7	65.00	STL130/7-10.0-V-BLACK-HT	50130075061D	50
8	75.00	STL130/8-10.0-V-BLACK-HT	50130085061D	50
9	85.00	STL130/9-10.0-V-BLACK-HT	50130095061D	50
10	95.00	STL130/10-10.0-V-BLACK-HT	50130105061D	50
11	105.00	STL130/11-10.0-V-BLACK-HT	50130115061D	50
12	115.00	STL130/12-10.0-V-BLACK-HT	50130125061D	50

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	150 V	300 V	500 V
Rated Current	10 A	10 A	10 A	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	1.3 kV	1.6 kV	6.0 kV
Pollution Degree				2

STL132/..-10.0-V-BLACK



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	PA 6.6
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Contact Pin	Brass		

Colours

■ BLACK, RAL 9011

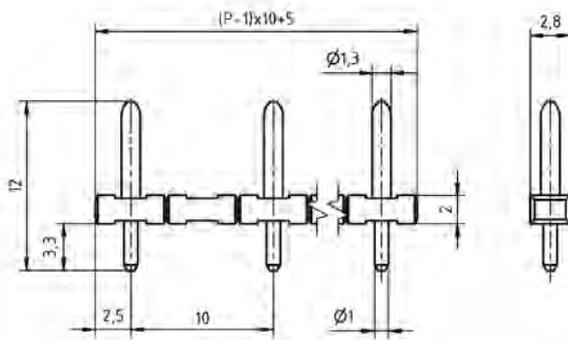
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 10.0 mm)

Terminal Block
AK130

Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	STL132/2-10.0-V-BLACK	50132025021H	500
3	25.00	STL132/3-10.0-V-BLACK	50132035021G	250
4	35.00	STL132/4-10.0-V-BLACK	50132045021G	250
5	45.00	STL132/5-10.0-V-BLACK	50132055021E	100
6	55.00	STL132/6-10.0-V-BLACK	50132065021E	100
7	65.00	STL132/7-10.0-V-BLACK	50132075021E	100
8	75.00	STL132/8-10.0-V-BLACK	50132085021E	100
9	85.00	STL132/9-10.0-V-BLACK	50132095021D	50
10	95.00	STL132/10-10.0-V-BLACK	50132105021D	50
11	105.00	STL132/11-10.0-V-BLACK	50132115021D	50
12	115.00	STL132/12-10.0-V-BLACK	50132125021D	50



Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	-	630 V
Rated Current	10 A	-	-	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	-	6.0 kV
Pollution Degree				3

STL132/..-10.0-V-BLACK-HT



Technical Data

Wire Sizes		Insulating Material	
Solid min	-	Material	LCP
Solid max	-	Flammability Class	UL 94 V-0
Stranded (flexible) min	-	Temperatures	
Stranded (flexible) max	-	Operating Temperature	-30 °C 105 °C
Stranded with Ferrule min	-	Wave Soldering Process	
Stranded with Ferrule max	-	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	-	Reflow Process	
PCB Hole Diameter	1.2 mm	Soldering Temperature, recommended	217 - 245 °C
Materials		Peak Soldering Time, recommended	60 s
Contact Pin	Brass		

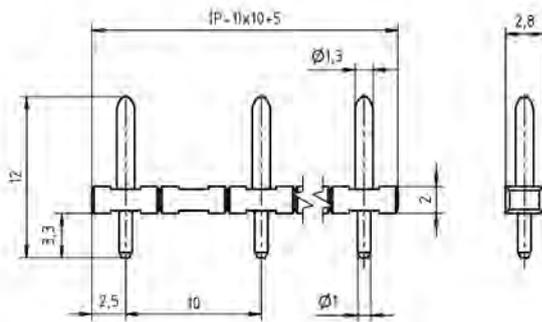
Colours

■ BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Counterparts (Spacing 10.0 mm)

Terminal Block
AK130



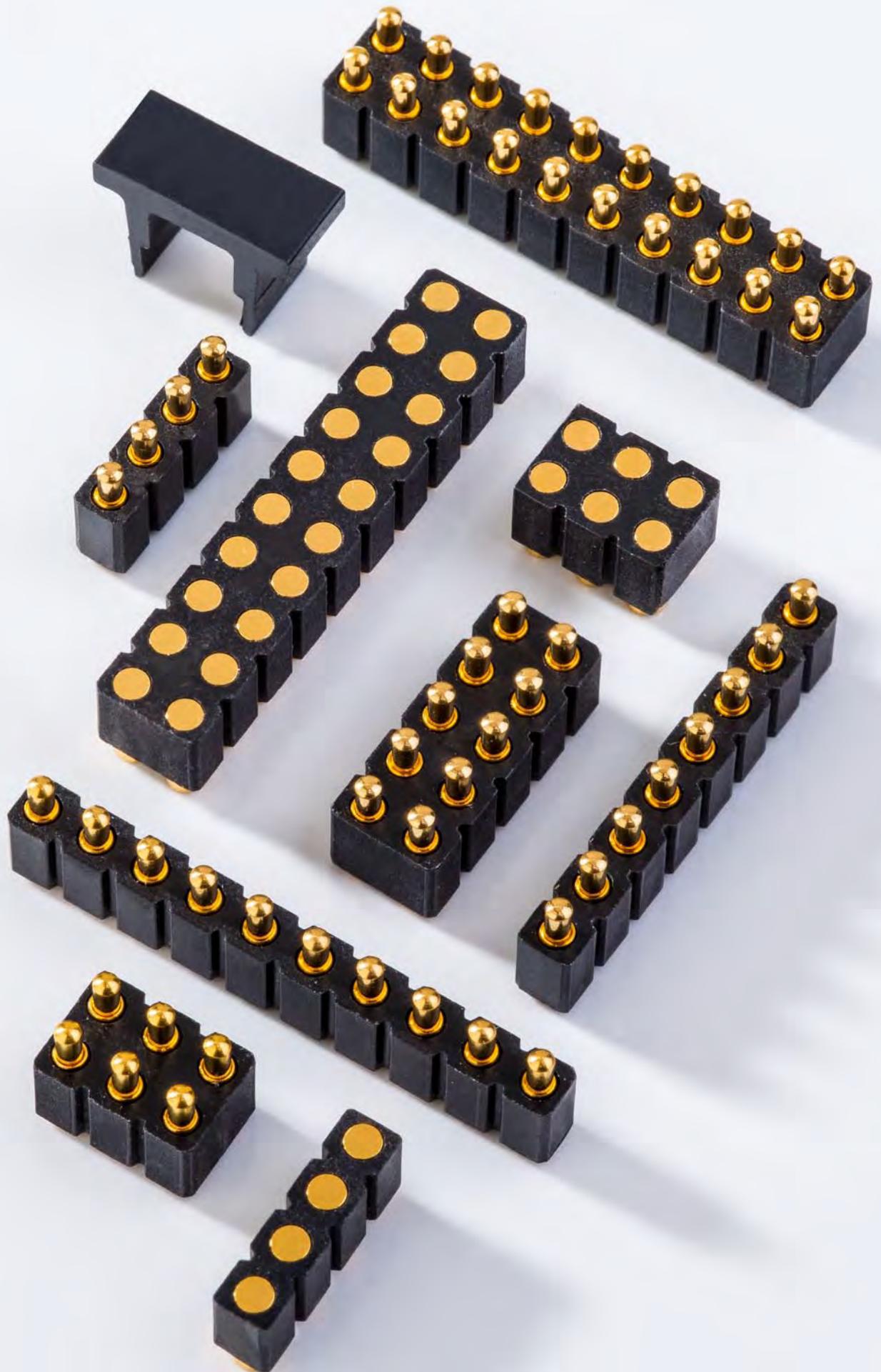
Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	STL132/2-10.0-V-BLACK-HT	50132025051H	500
3	25.00	STL132/3-10.0-V-BLACK-HT	50132035051G	250
4	35.00	STL132/4-10.0-V-BLACK-HT	50132045051G	250
5	45.00	STL132/5-10.0-V-BLACK-HT	50132055051E	100
6	55.00	STL132/6-10.0-V-BLACK-HT	50132065051E	100
7	65.00	STL132/7-10.0-V-BLACK-HT	50132075051E	100
8	75.00	STL132/8-10.0-V-BLACK-HT	50132085051E	100
9	85.00	STL132/9-10.0-V-BLACK-HT	50132095051D	50
10	95.00	STL132/10-10.0-V-BLACK-HT	50132105051D	50
11	105.00	STL132/11-10.0-V-BLACK-HT	50132115051D	50
12	115.00	STL132/12-10.0-V-BLACK-HT	50132125051D	50

Ratings



Usegroup	B	C	D	
Rated Voltage	300 V	-	-	500 V
Rated Current	10 A	-	-	7 A
Overvoltage Category				III
Test Voltage	1.6 kV	-	-	6.0 kV
Pollution Degree				3



Interface Pin Blocks

Interface Pin Blocks – also known as **Battery Probes** – are used everywhere it is necessary to charge rechargeable batteries, mobile equipment such as scanners, card readers, communication devices, etc. In many cases, they are also used to connect two PCBs.

In addition to many standard products, PTR specialises in customer-specific solutions. As a result of the company's considerable experience in the manufacturing of injection moulding tools for the connection terminal sector, PTR offers complete solutions including plastic carriers, tape-and-reel, and "pick & place" pads. We develop professional solutions together with our customers, and then implement them precisely.

Series 5322

- Short, compact size
- Board-to-board contacting
- For use in charging units



Mechanical Data

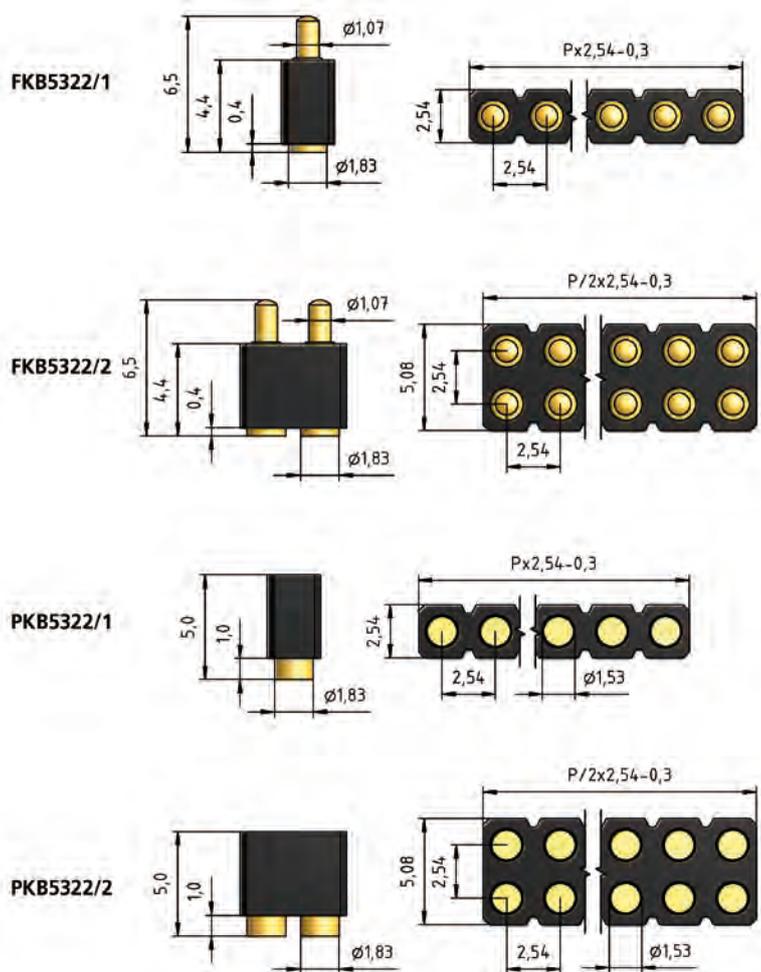
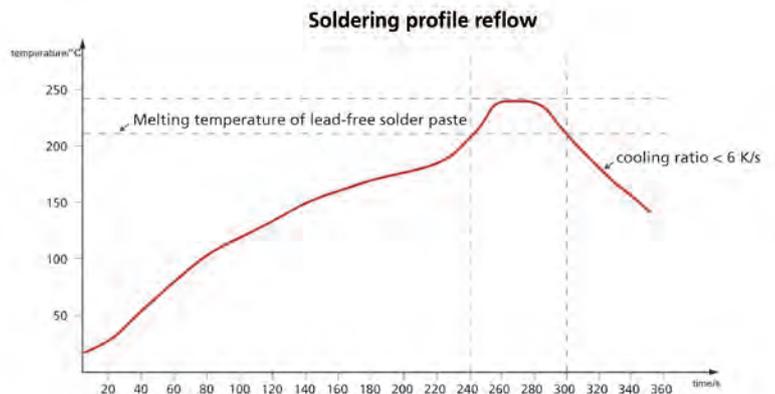
Center	2.54 mm/100 mil
Full travel	1.40 mm
Working travel	0.70 mm
Pre-loaded spring force	0.25 N
Spring force at working travel	0.85 N

Electrical Data

Max. current rating	3.5 A
Typical continuity resistance	≤ 20 mOhm

Materials

Barrel	brass, gold plated
Spring	spring steel, gold plated
Plunger	brass, gold plated
PAD contact	brass, gold plated
Test probe block	HT-plastic UL 94V-0



How to order:

FKB5322 /1 - 2 - 65 - R44
 1 2 3 4 5

1. Series 2. Number of rows 3. Poles 4. Test probes length 5. Tape on reel

Accessories

A wide variety of accessory articles is available in addition to the comprehensive range of terminal blocks and multi-connector systems.



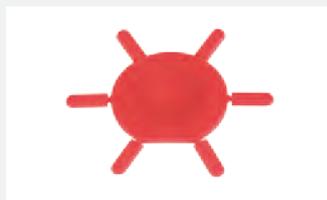
Coding Star CS1-3.5/3.81-RED
Article Number: 50000000023

The tongues of the coding star are inserted into the coding slits to prevent the multi-connector from being plugged in incorrectly.



Coding Star CS1-3.5/3.81-NATURAL-HT
Article Number: 50000000022

The tongues of the reflowable coding star are inserted into the coding slits to prevent the multi-connector from being plugged in incorrectly.



Coding Star CS1-5.0/5.08-RED
Article Number: 50000000021

The tongues of the coding star are inserted into the coding slits to prevent the multi-connector from being plugged in incorrectly.



Coding Star CS2-5.0/5.08-RED
Article Number: 50000000024

The tongues of the coding star are inserted into the coding slits to prevent the multi-connector from being plugged in incorrectly.



Coding Star CS3-5.0/5.08-RED
Article Number: 50000000025

The tongues of the coding star are inserted into the coding slits of the terminal block to prevent the multi-connector from being plugged in incorrectly.



Coding Star CS4-5.0/5.08-RED
Article Number: 50000000026

The tongues of the coding star are inserted into the coding slits of the terminal block to prevent the multi-connector from being plugged in incorrectly.



Coding Star CS2-5.0/5.08-LIGHT GREY-HT
Article Number: 50000000028

The tongues of the reflowable coding star are inserted into the coding slits to prevent the multi-connector from being plugged in incorrectly.



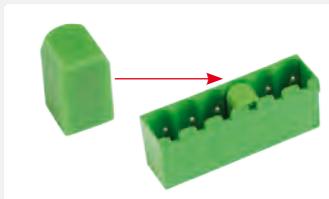
Series AK(Z)950/ AK(Z)960 with separating element
Article Number: 5990950....

Article Number: 5990960....
The AK(Z)950/ AK(Z)960 is split into several areas with the separating element.



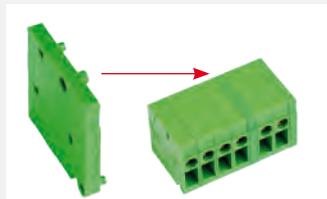
Series AK(Z)1100/ AK(Z)1110 with separating element
Article Number: 5991100....

Article Number: 5991110....
The AK(Z)1100/ AK(Z)1110 is split into several areas with the separating element.



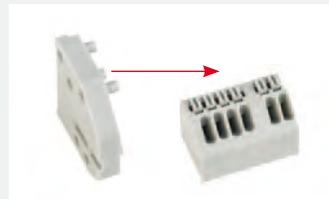
Separating Element SE-STL950-GREEN
Article Number: 50950000002

A pin strip can be split into several areas for various terminal blocks with the separating element.



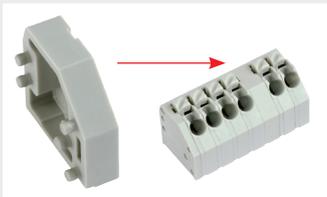
Spacer SPC-AK2200-GREEN
Article Number: 52200000002

To increase the spacing or to give visually better separation of the individual terminal sections.

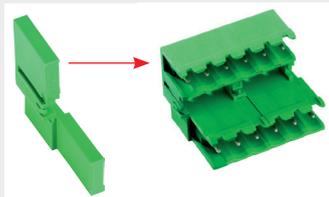


Spacer SPC-AK4191-PEBBLE GREY
Art.-Nr.: 54191000000

To increase the spacing or to give visually better separation of the individual terminal sections.



Spacer SPC-AK4291-PEBBLE GREY
Article Number: 54291000000
 To increase the spacing or to give visually better separation of the individual terminal sections.



Side Wall and/or Separating Element SW/SE-STL970-GREEN
Article Number: 50970000000
 This accessory combines both, side wall and separating element in one piece: Realization of a pin strip with closed ends ("/.G") and/or separation of the individual terminal sections.



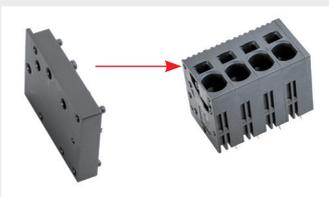
Spacer SPC-AK4200-baGY
Article Number: 54200000000
 To increase the spacing or to give visually better separation of the individual terminal sections.



Spacer SPC-AK4200-baGY
Article Number: 54200000000
 To increase the spacing or to give visually better separation of the individual terminal sections.



Spacer SPC-AK4210-H-baGY
Article Number: 54210000000
 To increase the spacing or to give visually better separation of the individual terminal sections.



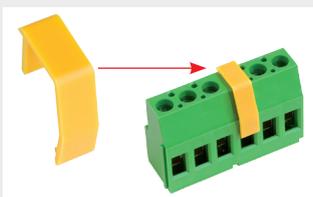
Spacer SPC-AK4210-V-baGY
Article Number: 54210000001
 To increase the spacing or to give visually better separation of the individual terminal sections.



Side Wall with Coding Pin SW-AK4200-CP-H-baGY
Article Number: 54200000002
 The sidewall with coding pin (SW-CP) ensures the right assembly of the terminal block in the PCB. The coding pin thereby is inserted into the corresponding PCB hole. The SW-CP substitutes the standard side wall (SW).



Side Wall with Coding Pin SW-AK4200-CP-V-baGY
Article Number: 54200000001
 The sidewall with coding pin (SW-CP) ensures the right assembly of the terminal block in the PCB. The coding pin thereby is inserted into the corresponding PCB hole. The SW-CP substitutes the standard side wall (SW).



Screw Cover SC-AK700-YELLOW
Article Number: 50700000004
 Use to cover the screws once the wires have been attached.



Series AK(Z)1550 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



Series AK(Z)1700/ AK(Z)1710 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



Series AK(Z)950/ AK(Z)960 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.

Accessories

A wide variety of accessory articles is available in addition to the comprehensive range of terminal blocks and multi-connector systems.



Series AK(Z)1100/ AK(Z)1110 with pull reliefs
Article Number: on request

The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



Series AK(Z)1200 with pull reliefs
Article Number: on request

The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



Series AK(Z)4551/AK(Z)4551 with pull reliefs
Article Number: on request

The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



Series AK(Z)4951 with pull reliefs
Article Number: on request

The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



Bridge, 2-pole, insulated,
BRI/2-5.0/5.08-LIGHT GREY
Article Number: 50000000006

Insulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 5.0 mm and 5.08 mm.



Bridge, 3-pole, insulated,
BRI/3-5.0/5.08-LIGHT GREY
Article Number: 50000000007

Insulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 5.0 mm and 5.08 mm.



Bridge, 2-pole, insulated,
BRI/2-7.0/7.62-L7.5-LIGHT GREY
Article Number: 50000000018

Insulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 7.0 mm and 7.62 mm.



Bridge, 2-pole, insulated,
BRI/2-7.5/7.62-L8.2-LIGHT GREY
Article Number: 50000000017

Insulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 7.5 mm and 7.62 mm.



Bridge, 2-pole, BR/2-3.5/3.81-L4.7
Article Number: 50000000013

Uninsulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



Bridge, 2-pole, BR/2-3.5/3.81-L7.5
Article Number: 50000000015

Uninsulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



Bridge, 2-pole, angled,
BR/2-3.5/3.81-H-L4.7
Art.-Nr.: 50000000019

Angled uninsulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



Bridge, 2-pole, angled,
BR/2-3.5/3.81-H-L7.5
Art.-Nr.: 50000000029

Angled uninsulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



Bridge, 3-pole, BR/3-3.5/3.81-L4.7
Article Number: 50000000014
Uninsulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



Bridge, 3-pole, BR/3-3.5/3.81-L7.5
Article Number: 50000000016
Uninsulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



Bridge, 2-pole, BR/2-5.0/5.08-L7.0
Article Number: 50000000008
Uninsulated bridge for multi-connection.
Can be used for terminal blocks and multi-connectors with spacing 5.0 mm and 5.08 mm.



Coding Cover CC-AK1350-GREY
Article Number: 51350000000
Is clipped onto the plug from above/on the same side as the screw. The coding cover prevents the AK1350 from being placed on the pin strip 180° off.



Mounting Rail Clip CLP-AKZS950-TS15/TS35
Article Number: 50950000005
Is clipped in under the AKZS950. The mounting rail clip serves as an adapter for the corresponding mounting rail.



Mounting Rail Clip CLP-AKZS950-TS32/TS35
Article Number: 50950000006
Is clipped in under the AKZS950. The mounting rail clip serves as an adapter for the corresponding mounting rail.



Crimping Pliers PZU 6
Article Number: 41100.0
For the crimping of stranded wires with ferrules in the cross-section range from 0.14 mm² to 6.0 mm².

Responsibility Towards the Environment and Mankind



PTR is very aware of its responsibilities towards the environment and mankind. This is why PTR has been certified since 1999 according to DIN EN ISO 14001 (environmental management standard). New environmental targets are regularly defined, and conformity is confirmed in the annual TÜV audits. Since 2008, PTR has also defined its conformity with and pursuance of environmental goals according to EU directive 1907/2006/EC, generally known as the REACH directive. In accordance with the EU RoHS directive, with whose current ROHS2 version PTR also complies, this extends the goal of environmental friendliness to include the detailed maintenance of human health. This means that the following are excluded from new PTR products as early as the design phase: materials which are harmful to the environment, non-degradable, bioaccumulative, toxic, carcinogenic, mutagenic or toxic for reproduction.

A declaration of conformity regarding the latest state of the REACH and ROHS2 guideline can be viewed and downloaded as a PDF file at any time from the PTR website at www.ptr.eu.

In the same way, PTR automatically and immediately checks new environmental and health guidelines for conformity, issues the appropriate declarations of conformity, and adapts products when necessary to ensure conformity.

Directive 2011/65/EU of the European Parliament and of the Council on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (recast) (RoHS2-Directive).

Regulation No. 1907/2006/EC of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (REACH) Directive)

Household Appliance



The **IEC 60335-1** claims for a better resistance of household and similar electrical appliances against heat and fire amongst others the compliance with harder glow wire tests. Due to these tests are not part of the standard terminal blocks certification, PTR Messtechnik offers its terminal blocks and pin strips with special insulating materials which are optimized to this household norm.

Further questions regarding to **IEC 60335-1** in our products can be answered when contacting PTR's sales department.

Approvals and Regulations



Our terminal blocks and multi connector systems comply with the current versions of all applicable standards and regulations.

The following standards apply to **VDE approval** of PTR's screwable and screwless terminal blocks: **EN 60998-1**, **EN 60998-2-1**, and **EN 60998-2-2**.

PTR's screwable and screwless multi connector systems are approved in accordance with **EN 61984**.

In addition, **EN 60664-1** and **VDE 0110-1** are the cornerstones of insulation coordination for equipment used in low-voltage installations. This applies to all equipment that is rated for use up to 2,000 metres above sea level. Above 2,000 metres above sea level, height correction factors come into play.

cURus approval of PTR terminal blocks and multi connector systems is based on the **UL 1059**, **UL 1977** and **CSA 22.2 No. 158 standards**.

The cURus mark indicates that our products meet Canadian and U.S. safety standards.

The **CE mark**, which is a European product safety mark for specific types of products, was created mainly to provide EU consumers with safe products. The CE mark is the manufacturer's assurance that the product bearing the mark complies with European directives. A product may only be placed on the market in the EU if it meets the requirements of the applicable EU directives, and if it has undergone a conformance procedure in accordance with the applicable EU directives.

The CE mark on PTR's products indicates that they comply with the following EU directive:

Directive 2014/35/EC of the European Parliament and of the Council of 12 December 2014 on the harmonisation of the laws of Member States relating to Electrical Equipment designed for use within certain voltage limits.

Overvoltage Categories I-IV

(in accordance with EN 60664-1:2007 and VDE 0110-1)

All PTR approval data are based on overvoltage category III.

The concept of overvoltage categories is used for equipment energized directly from the low-voltage mains. A similar concept can also be used for equipment connected to other systems, for example telecommunication and data systems.

Equipment of **Overvoltage Category I** is equipment for connection to circuits in which measures are taken to limit transient overvoltages* to an appropriately low level. These measures shall ensure that the temporary overvoltages that could occur are sufficiently limited so that their peak value does not exceed the relevant rated impulse voltage of the following table "Rated impulse voltage for equipment..."

(*short duration overvoltage of a few milliseconds or less, usually highly damped)

► **Application:** Equipment containing electronic circuits protected to this level. Unless the circuits are designed to take the temporary overvoltages into account, equipment of overvoltage category I cannot be directly connected to the supply mains.

Equipment of **Overvoltage Category II** is energy-consuming equipment to be supplied from the fixed installation.

► **Application:** Appliances, portable tools and other household and similar loads. If such equipment is subjected to special requirements with regard to reliability and availability, overvoltage category III applies.

Equipment of **Overvoltage Category III** is equipment in fixed installations and for cases where the reliability and the availability of the equipment are subject to special requirements.

► **Application:** Switches in the fixed installation and equipment for industrial use with permanent connection to the fixed installation.

Equipment of **Overvoltage Category IV** is for use at the origin of the installation.

► **Application:** Electricity meters and primary overcurrent protection equipment.

Clearance and Creepage Distances

(in accordance with EN 60664-1:2007 and VDE 0110-1)

Insulation Material Groups

(in accordance with EN 60664-1:2007 and VDE 0110-1)

Clearance is the shortest distance in air between two conductive parts. Clearance shall be dimensioned to withstand the required impulse withstand voltage, in accordance with table "Clearances to withstand transient overvoltages". For equipment directly connected to the low-voltage mains, the required impulse withstand voltage is the rated impulse voltage, and can be found in the table titled "Rated impulse voltage for equipment...", according to application.

Larger clearances may be required due to mechanical influences such as vibration or applied forces.

Inasmuch as the values indicated in the aforementioned tables are applicable up to 2,000 meters above sea level, clearance for greater heights must be calculated using the multiplication factors in the "Altitude correction factors" table.

Creepage distance means the shortest distance along the surface of a solid insulating material between two conductive parts. The values of table "Creepage distances to avoid failure due to tracking" are based upon existing data and are suitable for the majority of applications.

The basis for the determination of a creepage distance is the long-term r.m.s. value of the voltage existing across it. This voltage is the working voltage, the rated insulation voltage or the rated voltage.

The influence of the degrees of pollution in the micro-environment on the dimensioning of creepage distances is taken into account in table "Creepage distances to avoid failure due to tracking". Also keep in mind that different micro-environment conditions can exist within the same equipment.

A creepage distance cannot be less than the associated clearance so that the shortest creepage distance possible is equal to the required clearance. However, there is no physical relationship, other than this dimensional limitation, between the minimum clearance in air and the minimum acceptable creepage distance.

For the purposes of the above-mentioned standards, materials are classified into four groups according to their CTI values. These values are determined in accordance with EN 60112 using solution A. The groups are as follows:

Insulation materials group I
 $600 \leq \text{CTI}$

Insulation materials group II
 $400 \leq \text{CTI} < 600$

Insulation materials group IIIa
 $175 \leq \text{CTI} < 400$

Insulation materials group IIIb
 $100 \leq \text{CTI} < 175$

The proof tracking index (PTI) is used to verify the tracking characteristics of materials. A material may be included in one of these four groups on the basis that the PTI is not less than the lower value specified for the group.

Pollution Degrees 1 up to 4

(in accordance with EN 60664-1:2007 and VDE 0110-1)

PTR's approval data are based on pollution degree 3.

The environment determines the effect of pollution on the insulation.

Small clearances can be bridged completely by solid particles, dust and water and therefore minimum clearances are specified, where pollution may be present in the micro-environment.

For the purpose of evaluating creepage distances and clearances, the following four degrees of pollution in the micro-environment are established:

Pollution degree 1

No pollution or only dry, non-conductive pollution occurs. The pollution has no influence.

Pollution degree 2

Only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is to be expected.

Pollution degree 3

Conductive pollution occurs or dry non-conductive pollution occurs which becomes conductive due to condensation which is to be expected.

Pollution degree 4

Continuous conductivity occurs due to conductive dust, rain or wet conditions.

The dimensions for creepage distance cannot be specified where permanently conductive pollution is present (Pollution degree 4). For temporarily conductive pollution (Pollution degree 3), the surface of the insulation may be designed to avoid a continuous path of conductive pollution, e.g. by means of ribs and grooves.

Determination of Clearance and Creepage Distances

(in accordance with EN 60664-1:2007 and VDE 0110-1)

PTR Messtechnik's terminals and connectors are approved according to the underlying EN 60998-1 and 61984-1 standards. Specification of the rated voltages is on the basis of these standards.

In addition – as requested by many customers – operating voltages and/or clearance and creepage distances for operating voltages can be determined in accordance with the generally applicable EN 60664-1.

For the clearance distances, the required nominal voltage and/or the rated surge voltage – whose definition takes place in accordance with table F.1 – are the decisive factor.

This is shown in table F.2 as a withstand/impulse voltage and – depending on the degree of soiling and field conditions – is used to determine the clearance.

For creepage, the rated voltage of the power supply system must be defined according to table F.3a for single-phase systems, or according to table F.3b for three-phase systems. In combination with the degree of soiling and the insulation material group, the voltage value specified in this way determines the minimum creepage distance according to table F.4.

Rated impulse voltage for equipment energized directly from the low-voltage mains (table F.1)

Nominal voltage of the supply system based on IEC 50038		Voltage line to neutral derived from nominal voltages a.c. or d.c. up to and including	Rated impulse voltage			
Three phase V	Single phase V		Overvoltage category			
		V	I V	II V	III V	IV V
		50	330	500	800	1500
		100	500	800	1500	2500
	120-240	150	800	1500	2500	4000
230/400 277/480		300	1500	2500	4000	6000
400/690		600	2500	4000	6000	8000
1000		1000	4000	6000	8000	12000

Clearances to withstand transient overvoltages (table F.2)

Required impulse withstand voltage kV	Minimum clearances in air up to 2000 m above sea level					
	Case A Inhomogeneous field			Case B Homogeneous field		
	Pollution degree					
	1 mm	2 mm	3 mm	1 mm	2 mm	3 mm
0.33	0.01	0.2	0.8	0.01	0.2	0.8
0.40	0.02			0.02		
0.50	0.04			0.04		
0.60	0.06			0.06		
0.80	0.10			0.10		
1.0	0.15			0.15		
1.2	0.25	0.25		0.2		
1.5	0.5	0.5		0.3	0.3	
2.0	1.0	1.0	1.0	0.45	0.45	
2.5	1.5	1.5	1.5	0.60	0.60	
3.0	2.0	2.0	2.0	0.80	0.80	
4.0	3.0	3.0	3.0	1.2	1.2	1.2
5.0	4.0	4.0	4.0	1.5	1.5	1.5
6.0	5.5	5.5	5.5	2.0	2.0	2.0
8.0	8.0	8.0	8.0	3.0	3.0	3.0
10	11	11	11	3.5	3.5	3.5
12	14	14	14	4.5	4.5	4.5
15	18	18	18	5.5	5.5	5.5
20	25	25	25	8.0	8.0	8.0
25	33	33	33	10	10	10
30	40	40	40	12.5	12.5	12.5
40	60	60	60	17	17	17
50	75	75	75	22	22	22
60	90	90	90	27	27	27
80	130	130	130	35	35	35
100	170	170	170	45	45	45

Altitude correction factors

Altitude m	Normal barometric pressure kPa	Multiplication factor for clearances
2000	80.0	1.00
3000	70.0	1.14
4000	62.0	1.29
5000	54.0	1.48
6000	47.0	1.70
7000	41.0	1.95
8000	35.5	2.25
9000	30.5	2.62
10000	26.5	3.02
15000	12.0	6.67
20000	5.5	14.5

Single-phase three or two-wire AC or DC systems (table F.3a)

Nominal voltage of the supply system	For insulation line-to-line	For insulation line-to-earth
V	All systems	Three-wire systems mid-point earthed
V	V	V
12.5	12.5	
24 / 25	25	
30	32	
42 / 48 / 50	50	
60	63	
30-60	63	32
100	100	
110 / 120	125	
150	160	
200	200	
100-200	200	100
220	250	
110-220 / 120-240	250	125
300	320	
220-440	500	250
600	630	
480-960	1000	500
1000	1000	

Three-phase four or three-wire AC systems (table F.3b)

Nominal voltage of the supply system	For insulation line-to-line	For insulation line-to-earth	
V	All systems	Three-phase four-wire systems neutral-earthed	Three-phase three-wire systems unearthed or corner-earthed
V	V	V	V
60	63	32	63
110 / 120 / 127	125	80	125
150	160	-	160
200	200		200
208	200	125	200
220 / 230 / 240	250	160	250
300	320	-	320
380 / 400 / 415	400	250	400
440	500	250	500
480 / 500	500	320	500
575	630	400	630
600	630	-	630
660 / 690	630	400	630
720 / 830	800	500	800
960	1000	630	1000
1000	1000	-	1000

Creepage distances to avoid failure due to tracking (table F.4)

Voltage r.m.s.	Minimum creepage distances								
	Printed wiring material			Pollution degree					
	1	2		1	2		3		
	All material groups	All material groups except IIIb	All material groups	Material group I	Material group II	Material group III	Material group I	Material group II	Material group III
V	mm	mm	mm	mm	mm	mm	mm	mm	mm
10	0.025	0.040	0.080	0.400	0.400	0.400	1.000	1.000	1.000
12.5	0.025	0.040	0.090	0.420	0.420	0.420	1.050	1.050	1.050
16	0.025	0.040	0.100	0.450	0.450	0.450	1.100	1.100	1.100
20	0.025	0.040	0.110	0.480	0.480	0.480	1.200	1.200	1.200
25	0.025	0.040	0.125	0.500	0.500	0.500	1.250	1.250	1.250
32	0.025	0.040	0.14	0.53	0.53	0.53	1.30	1.30	1.30
40	0.025	0.040	0.16	0.56	0.80	1.10	1.40	1.60	1.80
50	0.025	0.040	0.18	0.60	0.85	1.20	1.50	1.70	1.90
63	0.040	0.063	0.20	0.63	0.90	1.25	1.60	1.80	2.00
80	0.063	0.100	0.22	0.67	0.95	1.30	1.70	1.90	2.10
100	0.100	0.160	0.25	0.71	1.00	1.40	1.80	2.00	2.20
125	0.160	0.250	0.28	0.75	1.05	1.50	1.90	2.10	2.40
160	0.250	0.400	0.32	0.80	1.10	1.60	2.00	2.20	2.50
200	0.400	0.630	0.42	1.00	1.40	2.00	2.50	2.80	3.20
250	0.560	1.000	0.56	1.25	1.80	2.50	3.20	3.60	4.00
320	0.75	1.60	0.75	1.60	2.20	3.20	4.00	4.50	5.00
400	1.0	2.0	1.0	2.0	2.8	4.0	5.0	5.6	6.3
500	1.3	2.5	1.3	2.5	3.6	5.0	6.3	7.1	8.0
630	1.8	3.2	1.8	3.2	4.5	6.3	8.0	9.0	10.0
800	2.4	4.0	2.4	4.0	5.6	8.0	10.0	11.0	12.5
1000	3.2	5.0	3.2	5.0	7.1	10.0	12.5	14.0	16.0
1250			4.2	6.3	9.0	12.5	16.0	18.0	20.0
1600			5.6	8.0	11.0	16.0	20.0	22.0	25.0
2000			7.5	10.0	14.0	20.0	25.0	28.0	32.0
2500			10.0	12.5	18.0	25.0	32.0	36.0	40.0

Rated Wire Sizes and Connectable Wire Sizes

Specific wire sizes are approved for terminal blocks in relation to their current-carrying capacity – the higher the approved rated current, the higher the maximum permissible rated wire size. Testing institutes only accept “unprepared stripped wires” for terminal block approval purposes. If necessary, stranded wires can first be drilled for easier insertion into the terminal block.

Approval can be granted for the use of stranded wires with ferrules in connection with the approval of the relevant terminal devices. The rated values for each terminal block are indicated in the “Ratings” table of the relevant PTR product page. The “Wire sizes” table lists the permitted wire sizes, including when stranded wires with ferrules are used.

Conversion Table - American Wire Gauge (AWG) to mm²

AWG		mm ²				
AWG	Wire Diameter [mm]		Wire Diameter [mm]			Wire Size [mm ²]
	solid	stranded	solid	stranded	flexible	
(30)	-	-	0.25	-	0.36	(0.05)
28	-	-	0.32	-	0.38	0.08
26	-	-	0.40	-	0.48	0.14
24	0.54	0.64	0.51	0.53	0.61	0.20
22	0.68	0.80	0.63	0.66	0.80	0.34
20	0.85	1.02	0.90	1.10	1.10	0.50
18	1.07	1.28	1.00	1.20	1.30	0,75
(17)	-	-	1.20	1.40	1.50	1.00
16	1.35	1.60	-	-	-	(1.30)
(15)	-	-	1.50	1.70	1.80	1.50
14	1.71	2.08	-	-	-	(2.10)
(13)	-	-	1.90	2.20	2.30	2.50
12	2.15	2.70	-	-	-	(3.30)
(11)	-	-	2.40	2.70	2.90	4.00
10	2.72	3.36	-	-	-	(5.30)
(9)	-	-	2.90	3.30	3.90	6.00
8	3.34	4.32	-	-	-	(8.30)
(7)	-	-	3.70	4.20	5.10	10.00
6	4.32	5.73	-	-	-	(13.30)
(5)	-	-	4.60	5.30	6.30	16.00

Metallic Materials

PTR terminal blocks and multi connector systems are made using only high quality metals. The use of various copper alloys, as well as bronze, stainless steel and specially surface-treated steel elements guarantees reliable contacts and minimizes corrosion.

Surface coatings

Surface coatings on various metallic materials prevent corrosion and wear, and optimize conductivity. The surface coatings used by PTR comply with the EU's RoHS and WEEE directives.

Tinning

All of our copper electrical contacts are tinned as a matter of course. The tin surface of solder contacts creates an excellent bond with standard solder material.

A protective nickel barrier layer is applied prior to tinning to avoid any solderability loss by diffusion of the base material in the tin coating.

Gold plating

Gold's excellent electrical properties make it an ideal surface coating for multi connector systems that are used for low current and low voltage applications. Our gold plating thicknesses are 0.6-0.8 μm . Thinner or thicker gold plating is available by special order.



Current-Carrying Capacity

Products with Flanges

Current-carrying capacity indicates whether an electromechanical component such as a PTR terminal block or multi connector system exhibits any functional anomalies or sustains any thermal damage under a specific rated current load and the relevant ambient temperature.

The component temperature should be measured as close as possible to the component that exhibits the highest temperature. It should also be considered that, when in operation, the terminal blocks or multi connector systems are affected by heat dissipation from nearby additional heat sources and/or heat conduction via the circuits.

The terminal block standard EN 60998-1 and the multi connector standard EN 61984 contain various definitions in accordance with the upper temperature limit of insulation materials, which for PTR products is 105 °C.

For multi connector systems PTR uses in this context derating curves (in accordance with EN 60512-5-2) to show on a basis of the maximum number of poles for the various wire sizes the performance of the current in correlation to the ambient temperature. The allowable operating range is determined using a reduction factor of 0.8 in respect to the value of the current in the basic curve.

High-vibration applications call for additional measures to prevent terminal blocks from coming loose from pin strips. Many PTR multi connector systems integrate flanges, whereby screws are mounted on both sides of the terminal block and screw sockets are mounted on both sides of the pin strip. Screwing these two elements together after the terminal block is inserted in the pin strip guarantees that the terminal block will remain in place.

max. torque = 30 Ncm



Tightening Torques for Terminal Screws

Terminal Bridging

EN 60999-1 defines tightening torques for electrical fastening materials which ensure that the wiring of electrical terminals is safe.

The PTR terminal blocks and multi connector systems of course completely fulfil this demands.

PTR realizes terminal bridging in two different ways. External bridging is realized via the non-insulated (BR) or insulated (BRI) bridging elements that are used as accessories for various types of terminal blocks and that are simply inserted into the wire entry, where they are fastened in place by a screw or spring.

We recommend the AK130-BR, AK350-BR or AK700-BR series for the realization of a potential across multiple poles. These three products integrate an internal conductive metal element that passes all the way through, which also allows for a wire connection in the clamp area.



Coding

With multi connector systems, plugging a terminal block into the wrong pin strip will immediately result in a malfunction or even in destruction of the entire circuit board. This is why PTR has a very wide range of coding solutions for many of its multi connector systems. The “-CP” coding pin’s coding uses holes in the circuit board, and when they are correctly inserted, the terminal block coding pins fit into these holes. **(see fig. 1)**

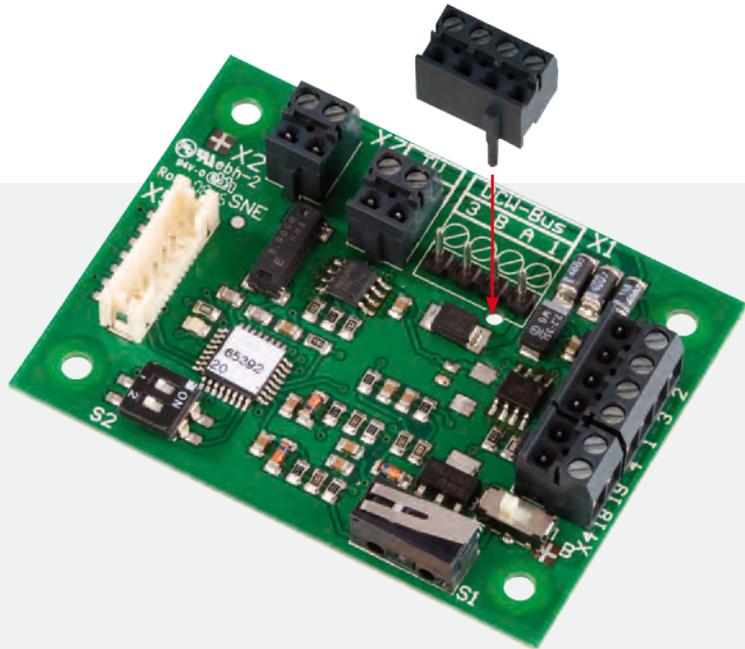


Figure 1

Protection against incorrect plugging is possible in two ways using coding stars (CS accessory):

► if both connector parts – terminal block and pin strip – are coded, a coded pole in the terminal block must mate with an uncoded pole on the pin strip so that the terminal can be inserted **(see fig. 2)**

► if a pole on the pin strip is coded, it must fit into a terminal block pole whose coding nose has been removed so that the terminal can be connected **(see fig. 3)**.

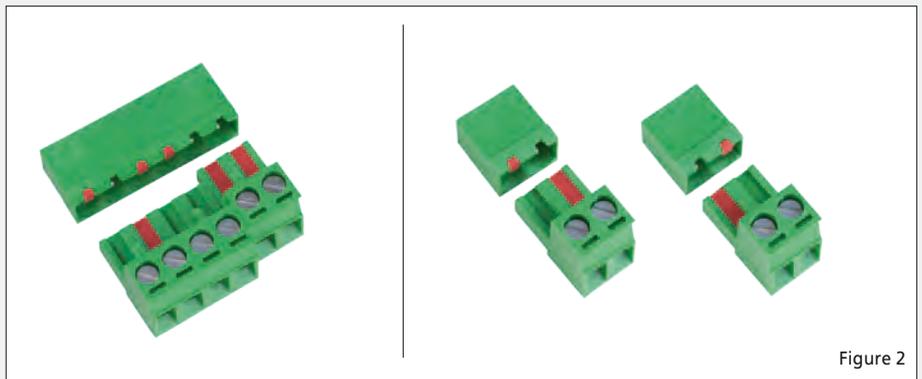


Figure 2

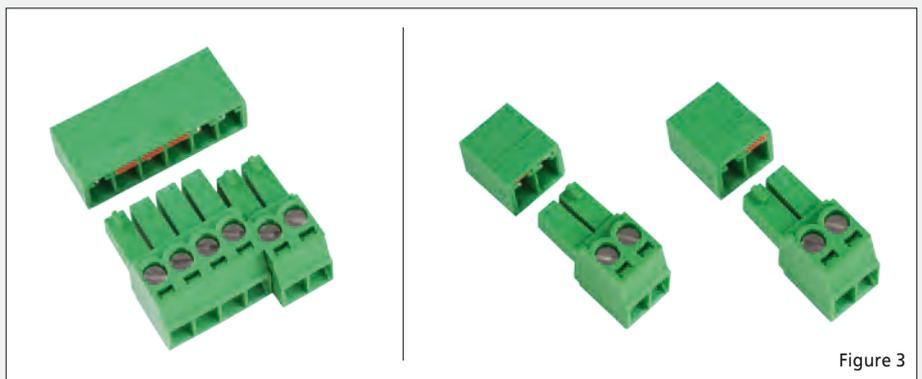


Figure 3

Tension Plates

Tension plates make it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires etc.



Integrated Test Jacks

Many PTR products incorporate a test jack, which allows for (a) convenient realization of measurements for maintenance or troubleshooting purposes, without the need to remove wiring; and (b) continuous monitoring of process-related values.

Depending on the size of the test hole, readings can be taken using a PTR test probe or with a conventional meter.



Order Number Index

(Tape-on-Reel Products see Page 302)

Order Number Index Page

50100..0121	28	50300..0041	59	50550..0121	26
50100..0150	31	50300..0141	59	50550..0171	27
50100..0190	45	50340..0061	60	50550..0211	40
50100..0240	48	50340..0071	61	50550..0240	41
50100..2121	30	50350..0001	62	50590..0121	39
50100..2150	33	50350..0005	62	50601..0001	56
50100..2190	47	50350..0021	86	50601..0021	56
50100..2240	50	50350..0025	86	50602..0021	57
50104..0070	34	50350..0045	64	50692..0021	55
50110..0070	42	50350..0091	63	50700..0045	72
50110..0100	43	50350..0095	63	50700..0201	71
50114..0070	44	50350..0201	67	50700..0213	71
50120..0110	29	50350..0205	67	50700..0261	73
50120..0130	32	50350..0221	88	50700..0274	73
50120..0170	49	50350..0225	88	50710..0201	83
50120..0150	46	50350..0226	89	50710..0213	83
50130..0001	147	50350..0229	89	50750..0201	74
50130..0021	151	50350..0291	68	50750..0210	74
50130..0045	148	50350..0295	68	50770..0210	75
50130..2001	149	50350..0331	65	50790..0201	76
50130..2021	152	50350..0921	87	50793..0201	77
50130..2051	149	50350..0925	87	50840..0201	78
50130..2071	152	50350..0937	66	50841..0201	84
50130..5001	206	50360..0005	79	50950..0001	159
50130..5021	274	50360..0009	80	50950..0009	160
50130..5031	207	50360..0207	81	50950..0021	159
50130..5051	206	50360..0209	82	50950..0029	160
50130..5061	275	50370..0005	69	50950..2001	161
50130..5071	274	50370..0009	70	50950..2009	162
50132..5001	209	50500..0121	35	50950..2021	161
50132..5021	276	50500..0134	35	50950..2029	162
50132..5031	210	50500..0171	37	50950..5001	243
50132..5051	277	50500..0184	37	50950..5009	246
50133..0001	150	50500..0211	51	50950..5011	237
50133..5001	212	50500..0224	51	50950..5019	240
50136..5001	214	50500..0241	53	50950..5021	243
50136..5031	215	50500..0251	53	50950..5029	246
50140..5001	216	50500..3121	36	50950..5031	237
50140..5101	217	50500..3171	38	50950..5039	240
50250..0001	58	50500..3211	52	50950..5101	224
50250..0021	85	50500..3241	54	50950..5109	227

50950..5111	218	50950..7041	171	51550..0001	153
50950..5119	221	50950..9021	255	51550..0025	153
50950..5121	224	50950..9121	236	51550..2001	154
50950..5129	227	50955..0001	163	51550..2025	154
50950..5131	218	50955..0021	163	51550..5001	195
50950..5139	221	50955..5061	256	51550..5025	195
50950..5317	238	50955..5071	257	51550..5101	189
50950..5319	241	50960..0021	172	51550..5125	189
50950..5327	244	50960..5021	271	51550..5332	196
50950..5329	247	50960..5031	270	51550..5342	190
50950..5337	238	50960..5121	269	51550..6001	198
50950..5339	241	50960..5131	268	51550..6025	198
50950..5347	244	50965..2021	173	51550..6101	192
50950..5349	247	50965..6021	273	51550..6125	192
50950..5367	225	50965..6121	272	51550..6332	199
50950..5368	228	50970..5021	261	51550..6342	193
50950..5377	219	50970..5031	259	51570..5021	202
50950..5379	222	50970..5121	260	51570..5121	201
50950..5387	225	50970..5131	258	51570..6021	204
50950..5388	228	50970..6021	263	51570..6121	203
50950..5389	222	50970..6121	262	51590..5121	205
50950..5397	219	50975..5001	265	51700..0001	155
50950..6001	249	50975..5101	264	51700..0021	155
50950..6019	252	50990..5121	267	51700..2001	156
50950..6021	249	50990..5131	266	51700..2021	156
50950..6039	252	51100..0001	165	51710..0001	157
50950..6101	230	51100..0021	165	51710..0021	157
50950..6109	233	51100..2001	166	51710..2001	158
50950..6121	230	51110..0001	167	51710..2021	158
50950..6129	233	51110..0021	167	52200..0001	90
50950..6327	250	51110..2001	168	52200..0021	92
50950..6329	253	51200..0001	174	52200..0041	94
50950..6347	250	51200..0021	174	52200..0051	91
50950..6349	253	51200..2001	175	52200..0071	93
50950..6367	231	51200..2021	175	52200..0091	95
50950..6379	234	51350..0001	145	53000..0001	123
50950..6387	231	51350..0121	146	53000..0041	137
50950..6389	234	51350..5001	184	53001..0001	124
50950..7021	169	51350..5010	187	53001..0021	125
50950..7022	170	51350..5031	185	53001..0041	138
50950..7028	164	51350..5101	188	53001..0051	126

Tape-on-Reel Products



Order Number Index Page

53001..0061	139	54551..2421	178	50130..5031R	208
53001..0071	140	54561..0401	179	50132..5031R	211
53010..0001	133	54561..0421	179	50950..5317R	239
53011..0001	134	54561..2401	180	50950..5319R	242
53011..0021	135	54561..2421	180	50950..5327R	245
53011..0071	136	54701..0421	102	50950..5329R	248
53100..0001	127	54701..0422	103	50950..5337R	239
53101..0001	128	54791..0421	98	50950..5339R	242
53101..0021	129	54791..0422	99	50950..5347R	245
53191..0001	121	54801..0301	110	50950..5349R	248
53191..0321	122	54841..0361	111	50950..5367R	226
53191..1001	122	54841..0371	112	50950..5368R	229
53191..1321	121	54951..0401	181	50950..5377R	220
53750..0201	132	54951..0421	181	50950..5379R	223
53750..0203	130	54951..2401	182	50950..5387R	226
53750..0210	132	54951..2421	182	50950..5388R	229
53750..0213	130			50950..5389R	223
53750..0241	131			50950..5397R	220
53750..0251	131			50950..6327R	251
53950..0001	183			50950..6329R	254
54100..0001	105			50950..6347R	251
54101..0001	106			50950..6349R	254
54191..0001	96			50950..6367R	232
54191..0051	97			50950..6379R	235
54200..0421	107			50950..6387R	232
54200..0451	108			50950..6389R	235
54200..0521	113			51350..5031R	186
54200..0551	114			51550..5332R	197
54210..0407	118			51550..5342R	191
54210..0521	115			51550..6332R	200
54210..0523	119			51550..6342R	194
54210..0527	116			54091..9001R	104
54210..0551	117				
54210..0651	120				
54291..0001	100				
54291..0051	101				
54301..0421	109				
54350..0001	176				
54551..0401	177				
54551..0421	177				
54551..2401	178				

Type Index

(Tape-on-Reel Products see Page 305)

Product Designation	Page		
AK100/..DS-5.0-H-GREY	31	AK500/..DS-10.0-H-GREY-BL	54
AK100/..DS-5.0-H-GREY-BL	33	AK500/..DS-10.0-V-GREY	51
AK100/..DS-5.0-V-GREY	28	AK500/..DS-10.0-V-GREY-BL	52
AK100/..DS-5.0-V-GREY-BL	30	AK550/..DS-3.5-H-GREY	27
AK100/..DS-10.0-H-GREY	48	AK550/..DS-3.5-V-GREY	26
AK100/..DS-10.0-H-GREY-BL	50	AK550/..DS-7.0-H-GREY	41
AK100/..DS-10.0-V-GREY	45	AK550/..DS-7.0-V-GREY	40
AK100/..DS-10.0-V-GREY-BL	47	AK590/..DS-5.0-GREY	39
AK104/..DS-5.0-V-GREY	34	AK601/..-3.5-V-GREEN	56
AK110/..DS-7.5-H-GREY	43	AK700/..-5.0-H-GREEN	73
AK110/..DS-7.5-V-GREY	42	AK700/..-5.0-V-GREEN	71
AK114/..DS-7.5-V-GREY	44	AK700/..-5.0-V-GREEN-BR	72
AK130/..-5.0-GREY	147	AK710/..-7.5-V-GREEN	83
AK130/..-5.0-GREY-BR	148	AK750/..-5.0-V-GREEN	74
AK130/..-5.0-GREY-BL	149	AK790/..-5.0-V-GREEN	76
AK130/..-10.0-GREY	151	AK793/..-5.0-V-GREEN	77
AK130/..-10.0-GREY-BL	152	AK950/..-5.0-GREEN	159
AK133/..DSL-G-5.0-GREY	150	AK950/..-5.0-GREEN-HC	160
AK300/..-5.0-GREY	59	AK950/..F-5.0-GREEN	161
AK340/..-5.0-OL-GREEN	60	AK950/..F-5.0-GREEN-HC	162
AK340/..-5.0-OR-GREEN	61	AK955/..-5.0-GREEN	163
AK350/..-5.0-H-GREEN	67	AK1100/..-5.0-GREEN	165
AK350/..-5.0-H-GREEN-HC	68	AK1110/..-5.0-GREEN	167
AK350/..-5.0-V-GREEN	62	AK1200/..-5.0-GREEN	174
AK350/..-5.0-V-GREEN-HC	63	AK1200/..F-5.0-GREEN	175
AK350/..-5.0-V-GREEN-BR	64	AK1350/..DS-3.5-GREY	145
AK350/..-10.0-H-GREEN	88	AK1350/..DS-3.5-GREY-CP	146
AK350/..-10.0-H-GREEN-HC	89	AK1550/..-3.5-GREEN	153
AK350/..-10.0-V-GREEN	86	AK1550/..F-3.5-GREEN	154
AK350/..-10.0-V-GREEN-HC	87	AK1700/..-3.5-GREEN	155
AK360/..-7.5-H-GREEN	81	AK1700/..F-3.5-GREEN	156
AK360/..-7.5-H-GREEN-HC	82	AK1710/..-3.5-GREEN	157
AK360/..-7.5-V-GREEN	79	AK1710/..F-3.5-GREEN	158
AK360/..-7.5-V-GREEN-HC	80	AK2200/..-5.0-H-GREEN	91
AK370/..-5.0-V-GREEN	69	AK2200/..-5.0-V-GREEN	90
AK370/..-5.0-V-GREEN-HC	70	AK2200/..-7.5-H-GREEN	93
AK500/..DS-5.0-H-GREY	37	AK2200/..-7.5-V-GREEN	92
AK500/..DS-5.0-H-GREY-BL	38	AK2200/..-10.0-H-GREEN	95
AK500/..DS-5.0-V-GREY	35	AK2200/..-10.0-V-GREEN	94
AK500/..DS-5.0-V-GREY-BL	36	AK3000/..-5.0-PEBBLE GREY	123
AK500/..DS-10.0-H-GREY	53	AK3000/..-10.0-PEBBLE GREY	137
		AK3001/..FD-5.0-PEBBLE GREY	125
		AK3001/..FD-10.0-PEBBLE GREY	139
		AK3001/..KD-5.0-PEBBLE GREY	124
		AK3001/..WD-5.0-PEBBLE GREY	126
		AK3001/..KD-10.0-PEBBLE GREY	138
		AK3001/..WD-10.0-PEBBLE GREY	140
		AK3010/..-7.5-PEBBLE GREY	133
		AK3011/..FD-7.5-PEBBLE GREY	135
		AK3011/..KD-7.5-PEBBLE GREY	134
		AK3011/..WD-7.5-PEBBLE GREY	136
		AK3100/..-5.0-PEBBLE GREY	127
		AK3101/..KD-5.0-PEBBLE GREY	128
		AK3101/..WD-5.0-PEBBLE GREY	129
		AK3191/..-2.5-PEBBLE GREY	121
		AK3191/..KD-2.5-PEBBLE GREY	122
		AK3750/..-5.0-GREEN	130
		AK3750/..-5.0-GREEN-PD10.0	131
		AK3750/..VP-5.0-GREEN	132
		AK3950/..-5.0-GREEN	183
		AK4100/..-5.0-PEBBLE GREY	105
		AK4101/..KD-5.0-PEBBLE GREY	106
		AK4191/..KD-2.5-PEBBLE GREY	96
		AK4191/..KDVP-2.5-PEBBLE GREY	97
		AK4200/..-5.0-H-baGY	108
		AK4200/..-5.0-V-baGY	107
		AK4200/..-7.5-H-baGY	114
		AK4200/..-7.5-V-baGY	113
		AK4210/..-7.5-V-baGY	115
		AK4210/..VP-7.5-V-baGY	116
		AK4210/..-7.5-H-baGY	117
		AK4210/..VP-7.5-H-baGY	118
		AK4210/..-11.5-V-baGY	119
		AK4210/..-11.5-H-baGY	120
		AK4291/..KD-3.5-PEBBLE GREY	100
		AK4291/..KDVP-3.5-PEBBLE GREY	101
		AK4350/..G-3.5-GREEN	176
		AK4551/..FKD-3.5-BASALT GREY	178
		AK4551/..KD-3.5-BASALT GREY	177
		AK4561/..FKD-3.5-BASALT GREY	180
		AK4561/..KD-3.5-BASALT GREY	179
		AK4951/..FKD-5.0-BASALT GREY	182

Product Designation

Page

AK4951/.KD-5.0-BASALT GREY	181	AKZ1100/..-5.08-GREEN	165	STL132/..-10.0-V-BLACK-HT	277
AKZ120/..DS-5.08-H-GREY	32	AKZ1100/..FS-5.08-GREEN	166	STL133/..-5.0-V-BLACK	212
AKZ120/..DS-5.08-V-GREY	29	AKZ1110/..-5.08-GREEN	167	STL133/..-5.0-V-P3.5-BK-HT	213
AKZ120/..DS-10.16-H-GREY	49	AKZ1110/..FS-5.08-GREEN	168	STL136/..-5.0-V-BLACK	214
AKZ120/..DS-10.16-V-GREY	46	AKZ1200/..-5.08-GREEN	174	STL136/..-5.0-V-P3.5-BK-HT	215
AKZ130/..-5.08-GREY-BL	149	AKZ1200/..F-5.08-GREEN	175	STL140/..-5.0-H-BLACK	216
AKZ130/..-10.16-GREY-BL	152	AKZ1550/..-3.81-GREEN	153	STL140/..-5.0-H-BLACK-HT	217
AKZ250/..-5.08-V-GREEN	58	AKZ1550/..F-3.81-GREEN	154	STL950/..-5.0-H-GREEN	237
AKZ250/..-10.16-V-GREEN	85	AKZ1700/..-3.81-GREEN	155	STL950/..-5.0-H-P2.6-BK-HT	238
AKZ300/..-5.08-GREY	59	AKZ1700/..F-3.81-GREEN	156	STL950/..-5.0-H-GREEN-HC	240
AKZ350/..-5.08-H-GREEN	67	AKZ1710/..-3.81-GREEN	157	STL950/..-5.0-H-P2.6-BK-HC-HT	241
AKZ350/..-5.08-H-GREEN-HC	68	AKZ1710/..F-3.81-GREEN	158	STL950/..-5.0-V-GREEN	218
AKZ350/..-5.08-V-GREEN	62	AKZ3191/..-2.54-ORANGE	121	STL950/..-5.0-V-P2.6-BK-HT	219
AKZ350/..-5.08-V-GREEN-HC	63	AKZ3191/..KD-2.54-ORANGE	122	STL950/..-5.0-V-GREEN-HC	221
AKZ350/..-5.08-V-P3.5-BK-HT	65	AKZ3750/..-5.08-GREEN	130	STL950/..-5.0-V-P2.6-BK-HC-HT	222
AKZ350/..-5.08-V-P3.5-BK-FP-HT	66	AKZ3750/..-5.08-GREEN-PD10.16	131	STL950/..F-5.0-H-GREEN	249
AKZ350/..-10.16-H-GREEN	88	AKZ3750/..VP-5.08-GREEN	132	STL950/..F-5.0-H-P2.6-BK-HT	250
AKZ350/..-10.16-H-GREEN-HC	89	AKZ4301/..KD-5.08-BASALT GREY	109	STL950/..F-5.0-H-GREEN-HC	252
AKZ350/..-10.16-V-GREEN	86	AKZ4551/..FKD-3.81-BASALT GREY	178	STL950/..F-5.0-H-P2.6-BK-HC-HT	253
AKZ350/..-10.16-V-GREEN-HC	87	AKZ4551/..KD-3.81-BASALT GREY	177	STL950/..F-5.0-V-GREEN	230
AKZ500/..DS-5.08-H-GREY	37	AKZ4561/..FKD-3.81-BASALT GREY	180	STL950/..F-5.0-V-P2.6-BK-HT	231
AKZ500/..DS-5.08-V-GREY	35	AKZ4701/..KD-3.81-H-BASALT GREY	103	STL950/..F-5.0-V-GREEN-HC	233
AKZ500/..DS-10.16-H-GREY	53	AKZ4701/..KD-3.81-V-BASALT GREY	102	STL950/..F-5.0-V-P2.6-BK-HC-HT	234
AKZ500/..DS-10.16-V-GREY	51	AKZ4791/..KD-2.54-H-BASALT GREY	99	STL950/..G-5.0-H-GREEN	243
AKZ602/..-3.81-V-GREEN	57	AKZ4791/..KD-2.54-V-BASALT GREY	98	STL950/..G-5.0-H-P2.6-BK-HT	244
AKZ692/..-2.54-V-GREEN	55	AKZ4801/..KD-6.35-V-BLACK-HT	110	STL950/..G-5.0-H-GREEN-HC	246
AKZ700/..-5.08-H-GREEN	73	AKZ4801/..KD-6.35-OL-BLACK-HT	111	STL950/..G-5.0-H-P2.6-BK-HC-HT	247
AKZ700/..-5.08-V-GREEN	71	AKZ4841/..KD-6.35-OR-BLACK-HT	112	STL950/..G-5.0-V-GREEN	224
AKZ710/..-7.62-V-GREEN	83	AKZ4951/..FKD-5.08-BASALT GREY	182	STL950/..G-5.0-V-P2.6-BK-HT	225
AKZ750/..-5.08-V-GREEN	74	AKZ4951/..KD-5.08-BASALT GREY	181	STL950/..G-5.0-V-GREEN-HC	227
AKZ770/..-5.08-V-GREEN	75	AKZ5950/..F-5.08-GREEN	170	STL950/..G-5.0-V-P2.6-BK-HC-HT	228
AKZ840/..-6.35-V-GREEN	78	AKZ5950/..G-5.08-GREEN	169	STL955/..-5.0-OL-GREEN	256
AKZ841/..-9.52-V-GREEN	84	AKZ5950/..GMB-5.08-GREEN	171	STL955/..-5.0-OR-GREEN	257
AKZ950/..-5.08-GREEN	159	STL130/..-5.0-V-BLACK	206	STL975/..G-5.0-H-GREEN	265
AKZ950/..-5.08-GREEN-HC	160	STL130/..-5.0-V-P3.5-BK-HT	207	STL975/..G-5.0-V-GREEN	264
AKZ950/..-5.08-GREEN-INV	164	STL130/..-10.0-V-BLACK	274	STL1350/..-3.5-H-BLACK	187
AKZ950/..F-5.08-GREEN	161	STL130/..-10.0-V-BLACK-HT	275	STL1350/..-3.5-V-BLACK	184
AKZ950/..F-5.08-GREEN-HC	162	STL132/..-5.0-V-BLACK	209	STL1350/..-3.5-V-P3.5-BK-HT	185
AKZ955/..-5.08-GREEN	163	STL132/..-5.0-V-P3.3-BK-HT	210	STL1550/..F-3.5-H-GREEN	198
AKZ960/..-7.62-GREEN	172	STL132/..-10.0-V-BLACK	276	STL1550/..F-3.5-V-GREEN	192
AKZ965/..F-7.62-GREEN	173			STL1550/..G-3.5-H-GREEN	195

Tape-on-Reel Products



STL1550/..G-3.5-V-GREEN.....	189	STLZ990/..-5.08-GREEN.....	266	AK4091/..KD-4.0-WH-SMD.....	104
STLZ130/..-5.08-V-BLACK.....	206	STLZ990/..G-5.08-GREEN.....	267	STL130/..-5.0-V-P3.5-BK-HT.....	208
STLZ130/..-10.16-V-BLACK.....	274	STLZ1550/..F-3.81-H-GREEN.....	198	STL132/..-5.0-V-P3.3-BK-HT.....	211
STLZ950/..-5.08-H-GREEN.....	237	STLZ1550/..F-3.81-H-P1.4-BK-HT.....	199	STL950/..-5.0-H-P2.6-BK-HT.....	239
STLZ950/..-5.08-H-P2.6-BK-HT.....	238	STLZ1550/..F-3.81-V-GREEN.....	192	STL950/..-5.0-H-P2.6-BK-HC-HT.....	242
STLZ950/..-5.08-H-GREEN-HC.....	240	STLZ1550/..F-3.81-V-P1.4-BK-HT.....	193	STL950/..-5.0-V-P2.6-BK-HT.....	220
STLZ950/..-5.08-H-P2.6-BK-HC-HT.....	241	STLZ1550/..G-3.81-H-GREEN.....	195	STL950/..-5.0-V-P2.6-BK-HC-HT.....	223
STLZ950/..-5.08-H-GREEN-INV.....	255	STLZ1550/..G-3.81-H-P1.4-BK-HT.....	196	STL950/..F-5.0-H-P2.6-BK-HT.....	251
STLZ950/..-5.08-V-GREEN.....	218	STLZ1550/..G-3.81-V-GREEN.....	189	STL950/..F-5.0-H-P2.6-BK-HC-HT.....	254
STLZ950/..-5.08-V-P2.6-BK-HT.....	219	STLZ1550/..G-3.81-V-P1.4-BK-HT.....	190	STL950/..F-5.0-V-P2.6-BK-HT.....	232
STLZ950/..-5.08-V-GREEN-HC.....	221	STLZ1570/..F-3.81-H-GREEN.....	204	STL950/..F-5.0-V-P2.6-BK-HC-HT.....	235
STLZ950/..-5.08-V-P2.6-BK-HC-HT.....	222	STLZ1570/..F-3.81-V-GREEN.....	203	STL950/..G-5.0-H-P2.6-BK-HT.....	245
STLZ950/..-5.08-V-GREEN-INV.....	236	STLZ1570/..G-3.81-H-GREEN.....	202	STL950/..G-5.0-H-P2.6-BK-HC-HT.....	248
STLZ950/..F-5.08-H-GREEN.....	249	STLZ1570/..G-3.81-V-GREEN.....	201	STL950/..G-5.0-V-P2.6-BK-HT.....	226
STLZ950/..F-5.08-H-P2.6-BK-HT.....	250	STLZ1590/..G-3.81-GREEN.....	205	STL950/..G-5.0-V-P2.6-BK-HC-HT.....	229
STLZ950/..F-5.08-H-GREEN-HC.....	252			STL1350/..-3.5-V-P3.5-BK-HT.....	186
STLZ950/..F-5.08-H-P2.6-BK-HC-HT.....	253			STLZ950/..-5.08-H-P2.6-BK-HT.....	239
STLZ950/..F-5.08-V-GREEN.....	230			STLZ950/..-5.08-H-P2.6-BK-HC-HT.....	242
STLZ950/..F-5.08-V-P2.6-BK-HT.....	231			STLZ950/..-5.08-V-P2.6-BK-HT.....	220
STLZ950/..F-5.08-V-GREEN-HC.....	233			STLZ950/..-5.08-V-P2.6-BK-HC-HT.....	223
STLZ950/..F-5.08-V-P2.6-BK-HC-HT.....	234			STLZ950/..F-5.08-H-P2.6-BK-HT.....	251
STLZ950/..G-5.08-H-GREEN.....	243			STLZ950/..F-5.08-H-P2.6-BK-HC-HT.....	254
STLZ950/..G-5.08-H-P2.6-BK-HT.....	244			STLZ950/..F-5.08-V-P2.6-BK-HT.....	232
STLZ950/..G-5.08-H-GREEN-HC.....	246			STLZ950/..F-5.08-V-P2.6-BK-HC-HT.....	235
STLZ950/..G-5.08-H-P2.6-BK-HC-HT.....	247			STLZ950/..G-5.08-H-P2.6-BK-HT.....	245
STLZ950/..G-5.08-V-GREEN.....	224			STLZ950/..G-5.08-H-P2.6-BK-HC-HT.....	248
STLZ950/..G-5.08-V-P2.6-BK-HT.....	225			STLZ950/..G-5.08-V-P2.6-BK-HT.....	226
STLZ950/..G-5.08-V-GREEN-HC.....	227			STLZ950/..G-5.08-V-P2.6-BK-HC-HT.....	229
STLZ950/..G-5.08-V-P2.6-BK-HC-HT.....	228			STLZ1550/..G-3.81-H-P1.4-BK-HT.....	197
STLZ960/..-7.62-H-GREEN.....	270			STLZ1550/..F-3.81-H-P1.4-BK-HT.....	200
STLZ960/..-7.62-V-GREEN.....	268			STLZ1550/..G-3.81-V-P1.4-BK-HT.....	191
STLZ960/..G-7.62-H-GREEN.....	271			STLZ1550/..F-3.81-V-P1.4-BK-HT.....	194
STLZ960/..G-7.62-V-GREEN.....	269				
STLZ965/..F-7.62-H-GREEN.....	273				
STLZ965/..F-7.62-V-GREEN.....	272				
STLZ970/..-5.08-H-GREEN.....	259				
STLZ970/..-5.08-V-GREEN.....	258				
STLZ970/..F-5.08-H-GREEN.....	263				
STLZ970/..F-5.08-V-GREEN.....	262				
STLZ970/..G-5.08-H-GREEN.....	261				
STLZ970/..G-5.08-V-GREEN.....	260				

PTR Worldwide

Overseas Representations for Terminal Blocks

Australia

Active Components (Aust) Pty Ltd.
Po Box 1351
Sydney, Parramatta, NSW 2124, Australia
Phone: 0061-2-9893-9400
Fax: 0061-2-9891-9322
E-mail: sales@activecomponents.com
www.activecomponents.com

Austria

AVS Phoenix Mecano G.m.b.H.
BirostraÙe 17
A - 1232 Wien
Phone: 0043 1 6150 801
Fax: 0043 1 6150 801130
E-mail: info@avs-phoenix.at
www.avs-phoenix.at

Belgium

PM Komponenten N.V.
Karrewegstraat 124
B - 9800 Deinze
Phone: 0032-92207050
Fax: 0032-92207250
E-mail: info.pmb@phoenix-mecano.com
www.pmkomponenten.be

Brazil

Phoenix Mecano Comercial e Tecnica Ltda.
ALAMEDA CAIAPÓS,
657 - TAMBORÉ
BR-06460-110 BARUERI - SP
Phone: 0055 11 5643 4190
Fax: 0055 11 5641 0882
E-mail: deodoro@phoenix-mecano.com.br
www.phoenix-mecano.com.br

Bulgaria

Comet Electronics
Mr. Ognyan Stoyanov
16, Tsar Samuil Str.
Sofia 1000, Bulgaria
Phone: 00359 2 915 58 00
Fax: 00359 2 954 03 84
E-mail: office@comet.bg
www.comet.bg

PM Consulting Ltd.
Mr. Georgi Georgiev
15 Kiril i Metodii Str.
Sofia 1202, Bulgaria
Phone: 00359 2 983 5712
Fax: 00359 2 983 5712
E-mail: office@pmcbg.eu
www.pmcgbg.eu

Croatia

Piletic d.o.o.
Kaptolska 39
10 000 Zagreb Croatia
Phone: 00385 1 3014 405
Phone: 00385 1 3638 318
Fax: 00385 1 3639 399
E-mail: piletic@zg.htnet.hr
E-mail: piletic@pletic.hr
E-mail: piletic@zg.t-com.hr
www.piletic.hr

Czech Republic

GM ELECTRONIC SPOL. s.r.o.
Kratohvilova 1748/4
CZ - 16 900 Praha 6
Phone: 00420 226 535 171
Fax: 00420 226 535 209
praha@gme.cz
www.gme.cz

Technik Partner s.r.o.
Brandýská 103/30
CZ - 181 00 Praha 8
Phone: 00420 283 851 781
Fax: 00420 283 852 775
E-mail: info@technikpartner.cz
www.technikpartner.cz

Denmark

Hans Folsgaard A/S
Theilgaards Torv 1
DK - 4600 Koge
Phone: 0045 43 208600
Fax: 0045 43 96 8855
E-mail: hf@hf.net
www.hf.net

Finland

T & G Sarkkinen OY
Martinkuja 2
FIN - 02270 Espoo
Phone: 00358 20 793 9750
Fax: 00358-20 793 9769
E-mail: sales@tgsarkkinen.fi
www.tgsarkkinen.fi

France

Phoenix Mecano S.a.r.L.
76, rue du Bois-Galon B.P. 3
F-94121 Fontenay-sous-Bois Cedex
Phone: 0033 1 53 99 50 59
Fax: 0033 1 53 99 50 79
E-mail: info.ptr@phoenix-mecano.com
www.phoenixmecano.fr

Great Britain

Apem Components Ltd.
Drakes Drive
Long Crendon
Bucks.
GB - HP18 9BA
Phone: 0044 1844202400
Fax: 0044 1844202500
E-mail: sales@apem.co.uk
www.apem.co.uk

Greece

G. Parpanelas S. A. - V.O.P. Cables
Protomagias str.
GR - 57009 Kalohori
Thessaloniki
Phone: 0030 2310 754919
Fax: 0030 2310 752411
E-mail: info@parpanelas.gr
www.parpanelas.gr

Hungary

Phoenix Mecano Kecskemet Kft.
István király krt.24.
H-6000 Kecskemet
Phone: 0036 1 260 7730
Fax: 0036 1 261 3464
E-mail: info@phoenix-mecano.hu
www.phoenix-mecano.hu

India

Madhu Subtronic Components Pvt. Ltd.
1st Floor, Krishna Building,
Shamrao Vitthal Marg,
Off Lamington Road
Grand Road(E)
Mumbai - 400 007, INDIA
Phone 0022 2386 4484 / 2387 6707
Fax 0022 2387 6729
E-mail: sales@mscpl.com
www.mscpl.com

Italy

FAST Elettronica Italiana S.p.A.
Via Rovetta, 35
I - 20127 Milano
Phone: 0039 02 2610141
Fax: 0039 02 2822287
E-mail: sales@fastelettronica.com
www.fastelettronica.com

Netherlands

Elincom electronics B. V.
Klaverbaan 101-103
NL-2908 KD Capelle aan den IJssel
Phone: 0031 10 26 40 270
Fax: 0031 10 26 40 275
E-mail: info@elincom.nl
www.elincom.nl

New Zealand

Active Components (NZ) Ltd
P.O. Box 100-544 NSMC, Auckland 1310
8 Target Court, Glenfield
Auckland, New Zealand
Phone: 0064 9 443 9500
Fax: 0064 9 443 9502
E-mail: sales@activecomponents.com
www.activecomponents.com

Norway

ELFA ELEKTRONIKK AS
Sandakerveien 76 F,
N - 0484 Oslo, Norwegen
Phone: 0047 80081135
Fax: 0047 80081136
Phone: 0047 23124900
Fax: 0047 23124940
E-mail: norge@elfa.se
karin.baarnaas@elfa.se
www.elfa.se



People's Republic of China

Mecano Components (Shanghai) Co., Ltd.
No. 1001, JiaQian Road
Nanxiang Hi-tech Park, JiaDing District
201802 Shanghai, China PRC
Phone: 0086 21 69176590
Fax: 0086 21 69176532
E-mail: info@mecano.com.cn
www.mecano.com.cn

Poland

Jacenko Import Export
ul. Iganska 11
PL - 04-087 Warszawa
Phone: 0048 22 8137493
Fax: 0048 22 8137467
E-mail: jacenko@jacenko.pl
www.jacenko.pl

Elhurt sp z o.o.
Galaktyczna 35 A
PL - 80-299 Gdansk
Phone: 0048 585540800
Fax: 0048 585540806
E-mail: elhurt@elhurt.com.pl
www.elhurt.com.pl

Romania

ECAS ELECTRO SRL
Str. Cornelia nr.7
Sector 4
RO - 040181 Bucuresti, Romania
Phone: 0040 21 204 81 00
Fax: 0040 21 204 81 30
E-mail: birou.vanzari@ecas.ro
www.ecas.ro

Russia

ADK Elektronik
Kutuzov prospect, 36, p.3
RUS-125284 Moscow
Phone/Fax: +7(495) 276-11-71
E-mail: sale@adkelektronik.ru
www.adkelektronik.ru

Serbia

Comet Electronics d.o.o.
Mr. Zoran Petrovic
17, Arsenija Carnojevic Blvd.
11070 New Belgrad
Phone: 00381 11 213 61 45
Fax: 00381 11 311 39 42
E-mail: office@comet.co.yu
www.comet.co.yu

Singapore

Phoenix Mecano S.E. Asia Pte Ltd
53 Ubi Ave 3, #04-01
Colourscan Building
Singapore 408863
Phone: 0065 6749 1611
Fax: 0065 6749 6766 / 6749 6749
E-mail: pmsea@pmecano.com.sg
www.phoenixmecano.com.sg

Slowakei

GM ELECTRONIC SPOL. s.r.o.
Mlynské nivy 58
SK - 821 05 Bratislava
Tel.: 00421 2 20 633 408
E-mail: bratislava@gme.cz
www.gme.sk

South Africa

WILTRON Agencies CC
P.O. Box 854
MIDSTREAM ESTATE
1692
South Africa
Phone: 0027 12 940 9475
Fax: 0027 86 684 7506
E-mail: wiltron@global.co.za
www.wiltron-agencies.co.za

South Korea

Phoenix Mecano Korea Co., Ltd
2020 Ho, Daelim Acrotel, C-Dong,
Dogok-dong, 467-6,
Kangnam-Gu, Seoul, Korea
Phone: 0082-2-2637-6922
Fax: 0082-2-2637-6925
E-mail: info@pmecano.co.kr
www.pmecano.co.kr

Phoenix Mecano Korea Co., Ltd
304, Kyungmu Building, 675-5,
Jeonpo-Dong, Jin-Gu, Pusan, Korea
Phone: 0082-51-517-6924
Fax: 0082-51-517-6925
E-mail: info@pmecano.co.kr
www.pmecano.co.kr

Spain

Phoenix Mecano Espana S.A.
Pol. El Olivar, Naves 15-16
Carretera de Logroño, km. 247
E - 50011 Zaragoza
Phone: 0034 976 786 080
Fax: 0034 976 787 088
E-mail: info@phoenix-mecano.es
www.phoenix-mecano.es

Sweden

Bonab Elektronik AB
Aröds Industriväg 76
S-42243 Hisings Backa
Phone: 0046 31 724 24 24
Fax: 0046 31 724 24 31
E-mail: ptr@bonab.se
www.bonab.se

Switzerland

Phoenix Mecano Komponenten AG
Hofwisenstr. 6,
CH - 8260 Stein am Rhein
Phone: 0041 52 742 7500
Fax: 0041 52 742 7590
E-mail: info@phoenix-mecano.ch
www.phoenix-mecano.ch

Taiwan

Phoenix Mecano S.E. Asia Pte Ltd - Taiwan Branch
Taipei World Trade Center Exhibition
Hall Room 4E-12, No. 5,
Hsin-yi Road,
Sec. 5, Taipei 110, Taiwan
Phone: 00886 2 2725 2627
Fax: 00886 2 2725 2575
E-mail: pmtwn@pmecano.com.tw

Thailand

Phoenix Mecano Thailand Representative Office
B.B. Building, 54 Sukhumvit 21 (Asoke) Road,
8th Floor, Unit 3811, Klong Toey Nua, Wattana,
Bangkok 10110, Thailand
Phone: 0066 2 261 4175 / 261 4176
Fax: 0066 2 261 4177
E-mail: pmthai@pmecano.com.sg

Turkey

ENTEK TEKNİK
Cevizli Mahallesi Tansel Cad. No: 18
Maltepe
TR - 34846 Istanbul
Phone: 0090/216 - 4598660
Fax: 0090/216 - 4577732
E-mail: info@entekteknik.com
www.entekteknik.com

USA

O.S.T.
On-Shore Technology, Inc.
1917 West 3rd Street
USA - Tempe/Arizona 85281
Phone: 001 480 921 30 00
Fax: 001 480 968 4444
E-mail: info@on-shore.com
www.on-shore.com

Electro-Kinetics Inc.
749 Creel Drive
USA - Wood Dale/IL-60191
Phone: 001 630 595 6700
Fax: 001 630595 7622
E-mail: info@e-kinetics.com
www.e-kinetics.com

PTR Germany

Distributors in Germany – Terminal Blocks



Werner GmbH

Alte Straße 2
01731 Kreischa bei Dresden
Phone: +49 (0) 35206-245-17
Fax: +49 (0) 35206-245-33
E-mail: linke@werner-electronic.de
www.werner-electronic.de



Werner GmbH NL Alfred Knitter Berlin

Colditzstraße 28
12099 Berlin
Phone: +49 (0) 30-756806-14
Fax: +49 (0) 30-756806-44
E-mail: wolfgang.kosian@werner-electronic.de
www.werner-electronic.de



Thomas Lüllau Ingenieurbüro

Am Fischteich 7B
21423 Winsen (Luhe)
Phone: 04171 788440
Fax: 04171 788441
E-Mail: tl@t-luellau.de
www.t-luellau.de



H. Biedermann GmbH Ingenieurbüro

Dr.-Albert-David-Str. 21
30938 Burgwedel
Phone: +49 (0) 5139-80095
Fax: +49 (0) 5139-4542
E-mail: info@h-biedermann.de
www.h-biedermann.de



PTR Messtechnik GmbH Vertriebsbüro Werne

Gewerbehof 38
59368 Werne
Phone: +49 (0) 2389-7988-148
Fax: +49 (0) 2389-798888
E-mail: Vertrieb-West@ptr.eu



PTR Messtechnik GmbH Vertriebsbüro Frankfurt

Jürgen Bierent
Asterweg 6a
63322 Rödermark
Phone: +49 (0) 6074-94803
Fax: +49 (0) 6074-94833
E-mail: jbierent@ptr.eu



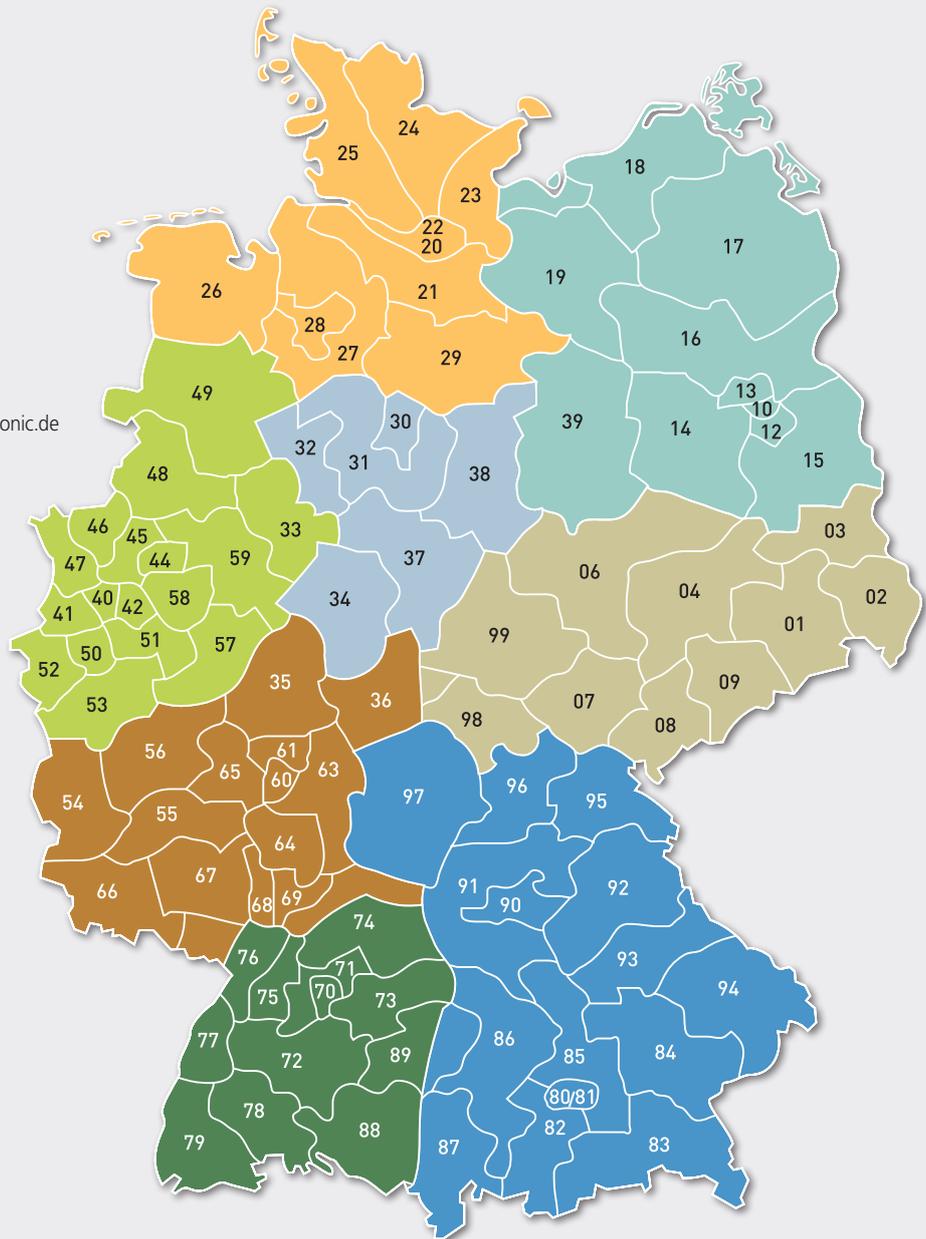
Herbert Altenberger OHG Industrievertretungen

Römerweg 7
76456 Kuppenheim
Phone: +49 (0) 7222-94540
Fax: +49 (0) 7222-945454
E-mail: info@altenberger.de
www.altenberger.de



IS COMPONENTS GmbH

Rankinestr. 4
86899 Landsberg am Lech
Phone: +49 (0) 8191-98595-50
Fax: +49 (0) 8191-98595-55
E-mail: ptr@is-components.de
www.is-components.de



Distributors with Stock in Germany

AL-Elektronik Distribution GmbH

Christian-Pommer-Straße 36
38112 Braunschweig
Phone: +49 (0) 531 25669-0
Fax: +49 (0) 531 25669-28
E-mail: sales@al-elektronik.de
www.al-elektronik.de

Bürklin GmbH & Co. KG

Grünwalder Weg 30
82041 Oberhaching
Phone: +49 (0) 89 55875-0
Fax: +49 (0) 89 55875-421
E-mail: info@buerklin.de
www.buerklin.com

Conrad Electronic SE

Klaus-Conrad-Straße 2
92533 Wernberg-Köblitz
Phone: +49 (0) 9604 408988
Fax: +49 (0) 9604 408988
E-mail: filiale.wernberg@conrad.de
www.conrad.de

Distrelec Schuricht GmbH

Lise-Meitner-Straße 4
28359 Bremen
Phone: +49 (0) 180 5223435
Fax: +49 (0) 180 5223436
E-mail: scc@distrelec.de
www.distrelec.de

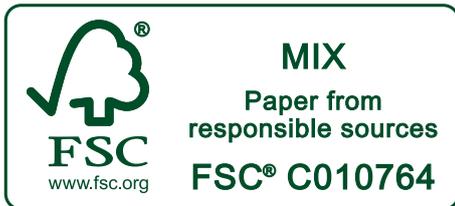
EVE GmbH

Hollefeldstr.16
48282 Emsdetten
Phone: +49 (0) 2572 9351-0
Fax: +49 (0) 2572 9351-24
E-mail: info@eve.de
www.eve.de

Schukat Electronic Vertriebs GmbH

Daimlerstr. 26
40789 Monheim am Rhein
Phone: +49 (0) 2173 950-5
Fax: +49 (0) 2173 950-999
E-mail: info@schukat.com
www.schukat.com

FSC® (Forest Stewardship Council®)



The promotion of an environmentally friendly, socially beneficial and economically viable management of forests — this is the Forest Stewardship Council®'s (FSC®) mission.

The FSC's logo must only be used in conjunction with wood products which come from sustainable forest use or which conserve the forest's resources.

In this way, the FSC and its system of certification actively support sustainability when it comes to dealing responsibly with our natural resources.

PTR Messtechnik GmbH & Co. KG supports this mission, and has printed this catalogue in accordance with the guidelines of the FSC directive.

Imprint:

PTR Messtechnik GmbH & Co. KG

Gewerbehof 38 · 59368 Werne · Phone: +49 (0)2389-79880 · Fax: +49 (0)2389-798888 · info@ptr.eu · www.ptr.eu

Design: RAFFELT MEDIENDESIGN · **Databased-Publishing:** CYBOB COMMUNICATION GMBH · **Photos:** Tim Luhmann, iStockphoto.com ·

Print: Bruns Druckwelt GmbH & Co. KG

Copyright: PTR GmbH & Co. KG, **10/2014.**

This catalogue replaces all earlier editions. We reserve the right to make any changes which are in the interest of technical improvement.



A Phoenix Mecano Company

PTR Messtechnik GmbH · Gewerbehof 38 · 59368 Werne · Germany
Phone: +49 (0)2389/7988-0 · Fax: +49 (0)2389/7988-88
e-mail: info@ptr.eu · www.ptr.eu

Represented worldwide in more than 50 countries.

