PTR HARTMANN

A Phoenix Mecano Company

Wire Sizes

Solid min	-
Solid max	-
Stranded (flexible) min	-
Stranded (flexible) max	-
Stranded with ferrule min	-
Stranded with ferrule max	-

Dimensions

PCB hole diameter	1.2 mm

Materials

Contact pin	Copper Alloy

Insulating Material

Material	PA 6.6
Flammability class	UL 94 V-0

Temperatures

Operating temperature (without mech. load)	-40 °C - 105 °C
Store temperature	-40 °C - 105 °C

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

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.

Ratings

	cURus			VDE
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	1.60 kV	-	1.60 kV	2.5 kV
Pollution degree				3

Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561

In combination of connectors with different admission data, the lower value is valid.

Accessoires

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	Order Data: 50000000023
	Separating Element SE-STL1550-GREEN	Order Data: 51550000002

Order Data (Spacing 3.81 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1550/2G-3.81-V-GREEN	51550025125 F	200
3	12.82	STLZ1550/3G-3.81-V-GREEN	51550035125 F	200
4	16.63	STLZ1550/4G-3.81-V-GREEN	51550045125 F	200
5	20.44	STLZ1550/5G-3.81-V-GREEN	51550055125 F	200
6	24.25	STLZ1550/6G-3.81-V-GREEN	51550065125 E	100
7	28.06	STLZ1550/7G-3.81-V-GREEN	51550075125 E	100
8	31.87	STLZ1550/8G-3.81-V-GREEN	51550085125 D	50
9	35.68	STLZ1550/9G-3.81-V-GREEN	51550095125 D	50
10	39.49	STLZ1550/10G-3.81-V-GREEN	51550105125 D	50
11	43.30	STLZ1550/11G-3.81-V-GREEN	51550115125 D	50
12	47.11	STLZ1550/12G-3.81-V-GREEN	51550125125 D	50
13	50.92	STLZ1550/13G-3.81-V-GREEN	51550135125 D	50
14	54.73	STLZ1550/14G-3.81-V-GREEN	51550145125 D	50
15	58.54	STLZ1550/15G-3.81-V-GREEN	51550155125 D	50
16	62.35	STLZ1550/16G-3.81-V-GREEN	51550165125 D	50
17	66.16	STLZ1550/17G-3.81-V-GREEN	51550175125 D	50
18	69.97	STLZ1550/18G-3.81-V-GREEN	51550185125 D	50
19	73.78	STLZ1550/19G-3.81-V-GREEN	51550195125 D	50
20	77.59	STLZ1550/20G-3.81-V-GREEN	51550205125 D	50

Technical drawing