

PCB terminal block - PLH 16/ 8-15 - 1770597

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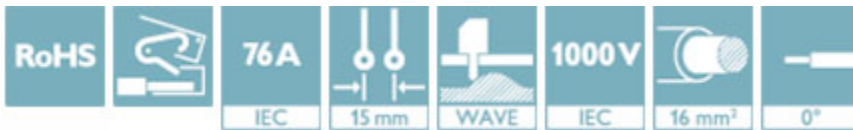


PCB terminal block, nominal current: 76 A, nom. voltage: 1000 V, pitch: 15 mm, number of positions: 8, connection method: Push-lock spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

The figure shows a 5-pos. version of the product

Why buy this product

- ✓ Tool-free lever principle enables time-saving connection and release of conductors with/without ferrules
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Time-saving push-in connection when lever is closed
- ✓ Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	25 STK
GTIN	 4 046356 458191
GTIN	4046356458191
Weight per Piece (excluding packing)	75.200 g
Custom tariff number	85369010
Country of origin	Slovakia

Technical data

Dimensions

Length [l]	30.5 mm
Pitch	15 mm
Dimension a	105 mm
Width [w]	116.4 mm

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Technical data

Dimensions

Constructional height	33.5 mm
Height [h]	29 mm
Solder pin [P]	4.5 mm
Pin dimensions	1,2 x 1,2 mm
Pin spacing	12.5 mm
Hole diameter	1.6 mm

General

Range of articles	PLH 16/
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I_N	76 A
Nominal cross section	16 mm ²
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	18 mm
Number of positions	8

Connection data

Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²

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Technical data

Standards and Regulations

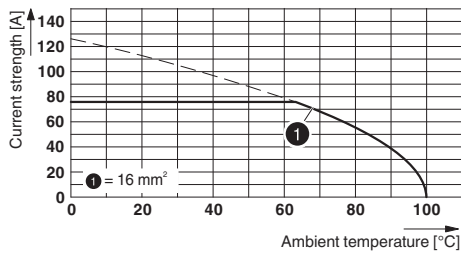
Connection in acc. with standard	UL
Flammability rating according to UL 94	V0

Environmental Product Compliance

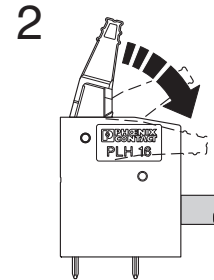
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram

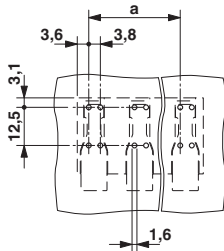


Functional drawing

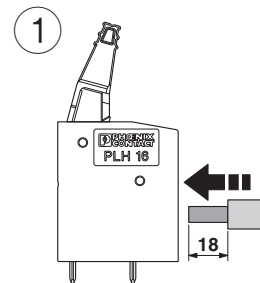


Type: PLH 16/...-15
 Tested in accordance with DIN EN 60512-5-2:2003-01
 No. of positions: 5
 Conductor cross section: 16 mm² (exclusively for solid conductors)

Drilling diagram

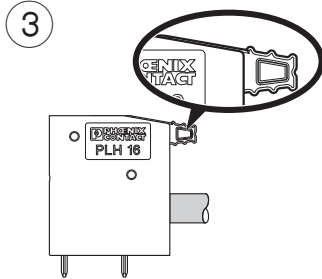


Functional drawing



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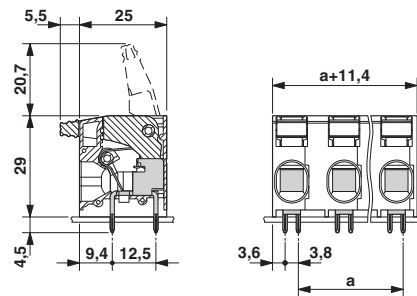
Functional drawing



Functional drawing



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

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Classifications

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals


Approvals


Approvals

IECEE CB Scheme / VDE Zeichengenehmigung / EAC / UL Recognized

Ex Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	DE1-58718
mm ² /AWG/kcmil	0.75-16		
Nominal current I _N	76 A		
Nominal voltage U _N	1000 V		

VDE Zeichengenehmigung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40041250
mm ² /AWG/kcmil	0.75-16		
Nominal current I _N	76 A		
Nominal voltage U _N	1000 V		

EAC		B.01742
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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110524
	B	C	
mm ² /AWG/kcmil	18-4	18-4	
Nominal current I _N	66 A	66 A	
Nominal voltage U _N	600 V	600 V	

Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 16 S - 1207983



Crimping pliers for ferrules up to 16 mm²

Terminal marking

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker card, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 3.8 mm