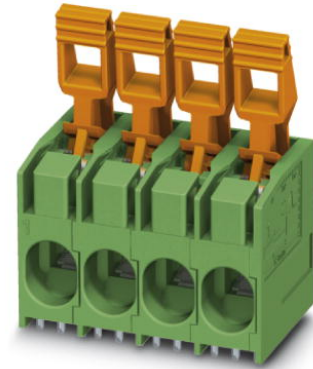


PLH 16/ 7-10-ZF

Order No.: 1770513



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1770513>

PC terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 10 mm, Number of positions: 7, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Commercial data

GTIN (EAN)	 4 046356 458252
Note	Made-to-order
sales group	E540
Pack	25 pcs.
Customs tariff	85369010
Catalog page information	Page 391 (CC-2011)

Product notes

WEEE/RoHS-compliant since:
10/02/2008



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

Pitch	10 mm
Dimension a	60 mm
Number of positions	7

Pin dimensions	1,2 x 1,2 mm
Pin spacing	10 mm
Hole diameter	1.6 mm

Technical data

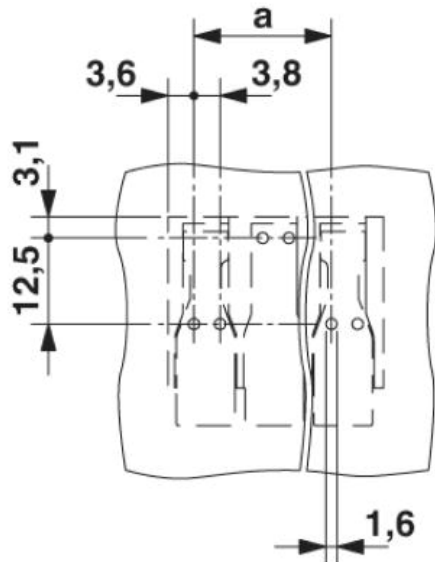
Range of articles	PLH 16/
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I_N	76 A
Nominal cross section	1.6 mm ²
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	18 mm

Connection data

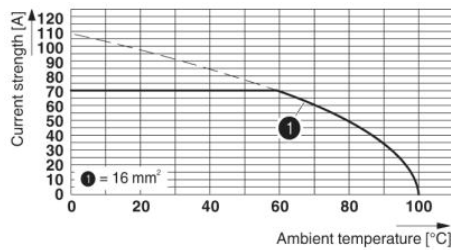
Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.75 mm ²
Conductor cross section stranded max.	16 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm ²
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil 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

Diagrams/Drawings

Drilling plan/solder pad geometry



Diagram



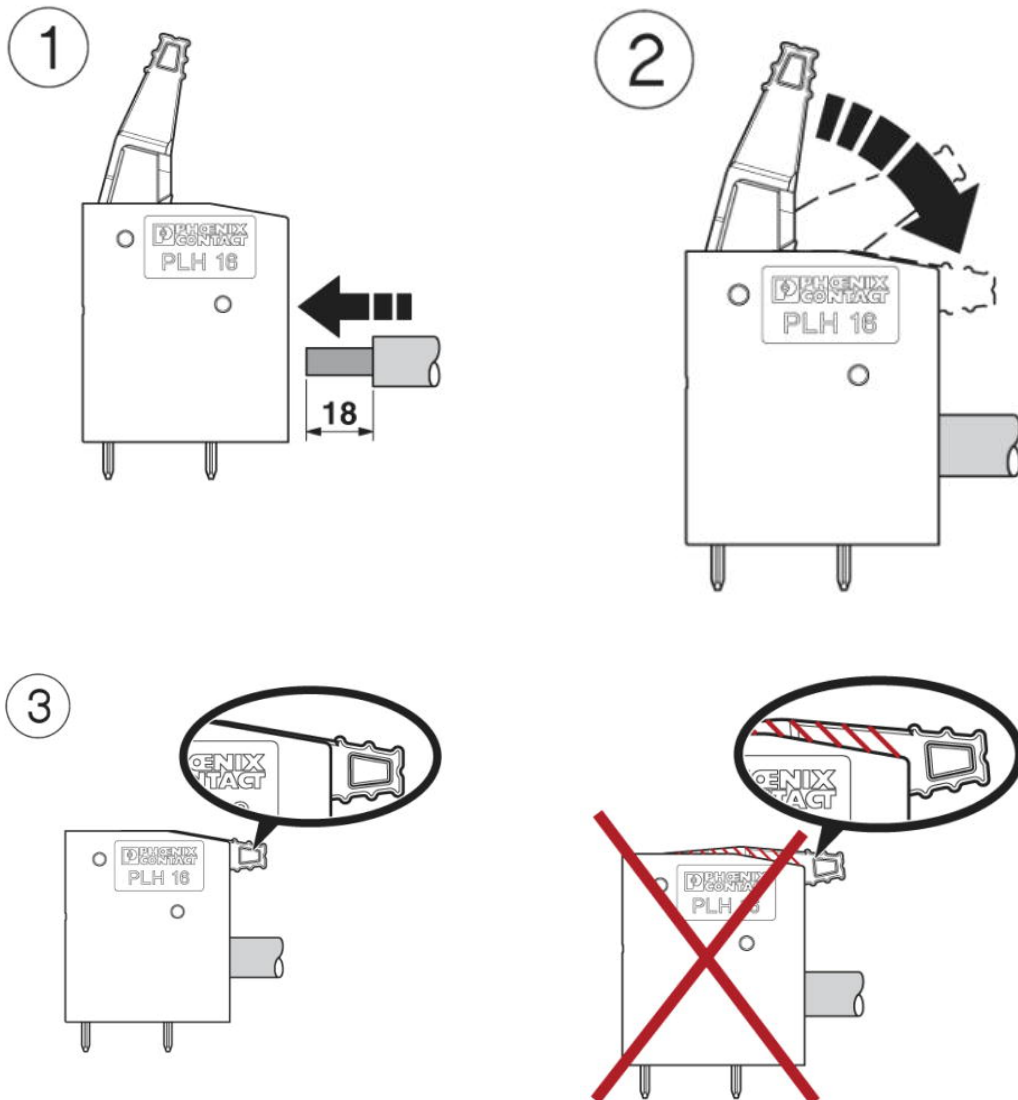
Type: PLH 16/...-10-ZF

Tested in accordance with DIN EN 60512-5-2:2003-01

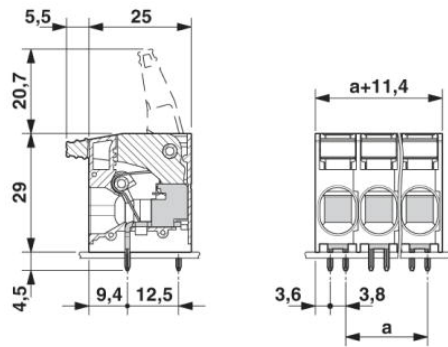
No. of positions: 5

Conductor cross section: 16 mm² (exclusively for solid conductors)

Functional drawing



Dimensioned drawing



Address

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