

PLH 5/ 2-7,5-ZF

Order No.: 1792106



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1792106>

PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V,
Pitch: 7.5 mm, Number of positions: 2, Connection method: Spring-
cage conn., Mounting: Soldering, Conductor/PCB connection direction:
0 °, Color: green

Commercial data

EAN	4 046356 610667
Note	Made-to-order
sales group	E520
Pack	25 Pcs.
Customs tariff	85369010
Gross weight in pieces	0.009198 KG
Net weight per piece	0.001 KG

Product notes

WEEE/RoHS-compliant since:
08/10/2010



[http://
www.download.phoenixcontact.com](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	7.5 mm
Dimension a	7.5 mm
Number of positions	2
Pin dimensions	1,2 x 1,5 mm

Pin spacing	10 mm
Hole diameter	2 mm

Technical data

Range of articles	PLH 5/
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	41 A
Nominal cross section	6 mm ²
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	12 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	6 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.2 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.2 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²

Certificates / Approvals

Certification

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
------	-------------	-------------

Marking

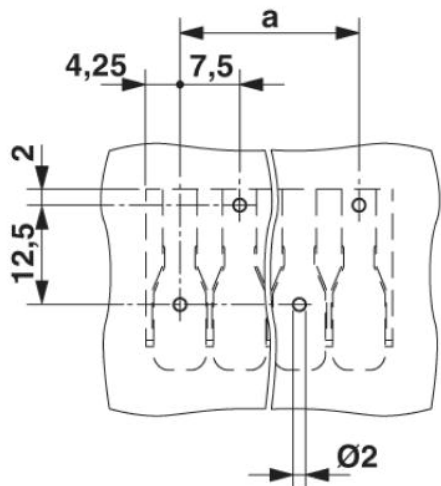
0803906	SK U/3,8 WH:UNBEDRUCKT	Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office-Drucksysteme, Mounting type: Adhesive
---------	------------------------	---

Tools

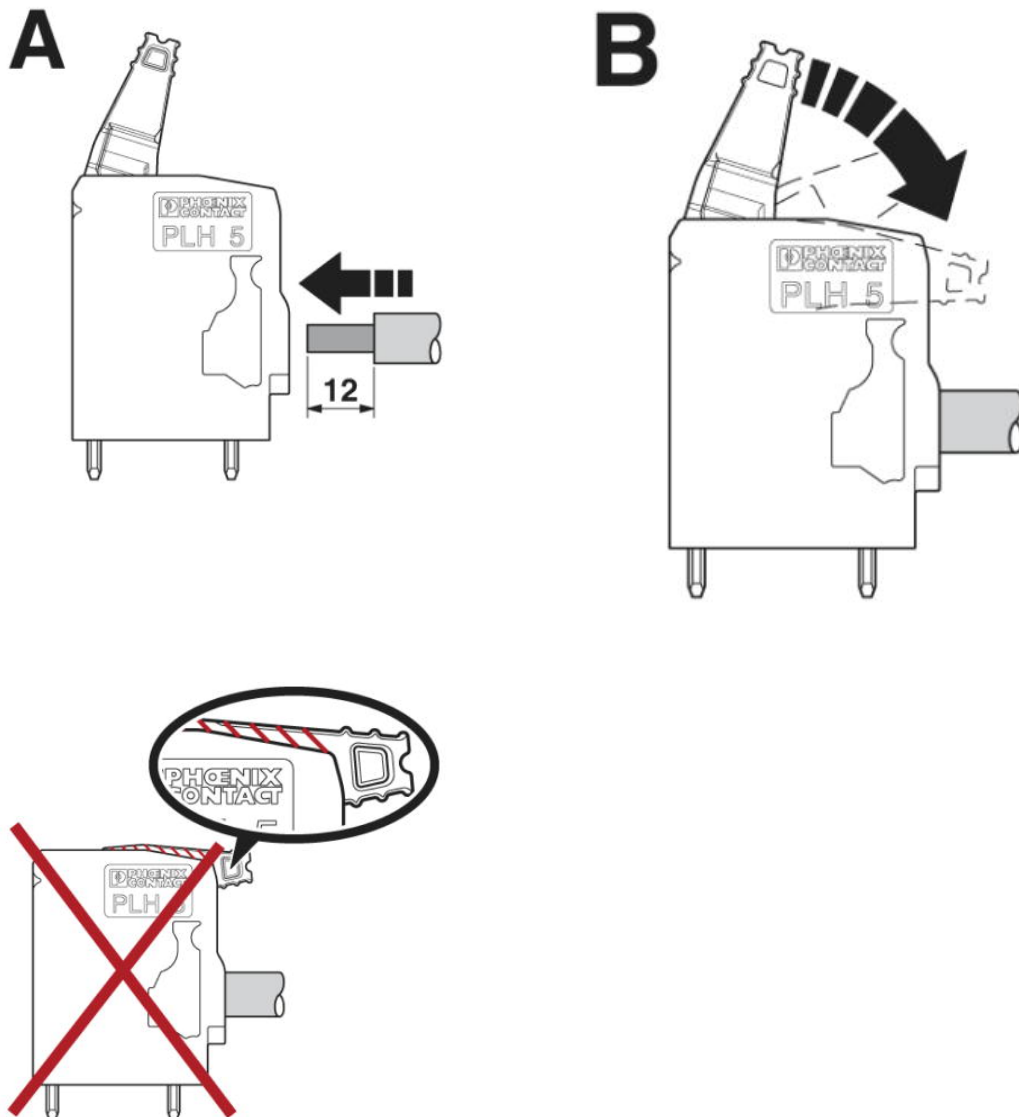
1212034	CRIMPFOX 6	Crimping pliers, for ferrules as per DIN 46228 section 1+4, 0.25 - 6.0 mm ² , insertion from the side, trapezoidal crimp
---------	------------	---

Drawings

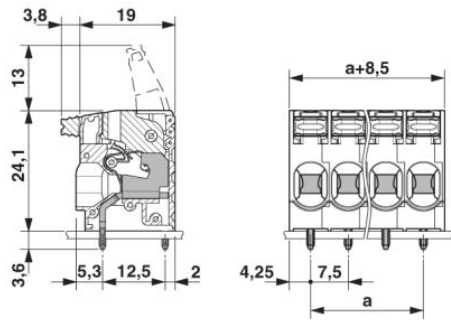
Drilling plan/solder pad geometry



Functional drawing



Dimensioned drawing



Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



© 2012 Phoenix Contact
Technical modifications reserved;