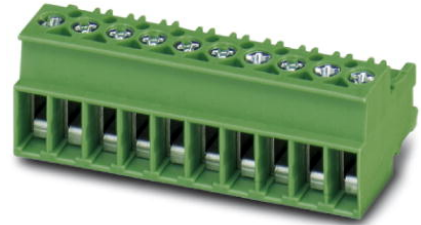


PT 2,5/ 8-PVH-5,0

Order No.: 1704220

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1704220>

PC terminal block, Nominal current: 14 A, Nom. voltage: 250 V, Pitch:
5 mm, Number of positions: 8, Connection type: Screw connection,
Color: green

Commercial data

EAN	4017918994839
Pack	100 pcs.
Customs tariff	85369010
Weight/Piece	0.01418 KG
Catalog page information	Page 477 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
04/18/2007



[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	5 mm
Dimension a	35 mm
Number of positions	8
Screw thread	M3

Tightening torque, min	0.45 Nm
Tightening torque max	0.5 Nm

Technical data

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	13.5 A
Nominal voltage U_N	250 V
Nominal cross section	4 mm ²
Maximum load current	13.5 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3 / B3
Stripping length	8 mm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²

2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm ² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.

Certificates / Approvals



Certification

CUL, UL

CUL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	26-12

UL

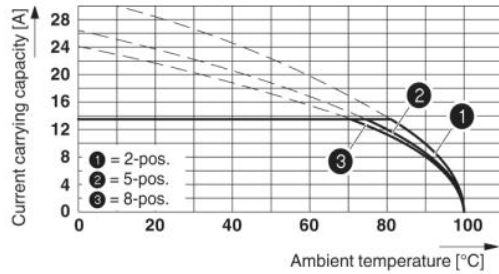
Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	26-12

Additional products

Item	Designation	Description
General		
1704385	PST 1,3/ 8-LH-5,0	Header, Nominal current: 14 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 8, Color: black, Assembly: Soldering
1704547	PST 1,3/ 8-LV-5,0	Header, Nominal current: 14 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 8, Color: black, Assembly: Soldering

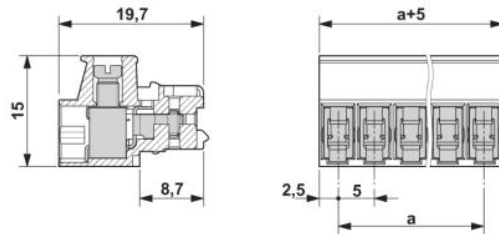
Diagrams/Drawings

Diagram



Derating diagram in connection with PST 1,3...-LH-5,0 pin strip;
reduction factor=0.8; conductor cross-section=4 mm²

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>



© 2010 Phoenix Contact
Technical modifications reserved;