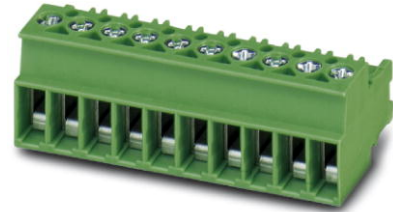


**PT 2,5/ 8-PVH-5,0**


Order No.: 1704220

The figure shows a 10-position version of the product

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

Plug component, Nominal current: 14 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green

**Commercial data**

GTIN (EAN)	
sales group	E402
Pack	100 pcs.
Customs tariff	85366990
Catalog page information	Page 535 (CC-2011)

**Product notes**WEEE/RoHS-compliant since:  
08/01/2005

<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

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Tightening torque, min	0.45 Nm
Tightening torque max	0.5 Nm

**Technical data**

Range of articles	PT 2,5/...-PVH
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	2.5 mm <sup>2</sup>
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
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

**Connection data**

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>

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 <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

#### Certificates / Approvals



Certification

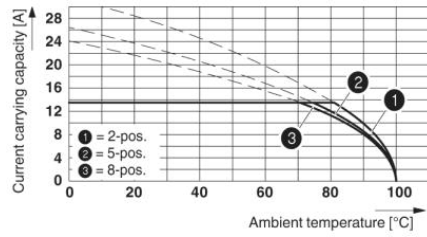
CUL, UL

#### Additional products

Item	Designation	Description
<b>General</b>		
1704385	PST 1,3/ 8-LH-5,0	Header, Nominal current: 14 A, Rated voltage (III/2): 400 V, Number of positions: 8, Pitch: 5 mm, Color: black, Assembly: Soldering, Voltage and current depend on the plug-in terminal block used.
1704547	PST 1,3/ 8-LV-5,0	Header, Nominal current: 14 A, Rated voltage (III/2): 400 V, Number of positions: 8, Pitch: 5 mm, Color: black, Assembly: Soldering, Voltage and current depend on the plug-in terminal block used.

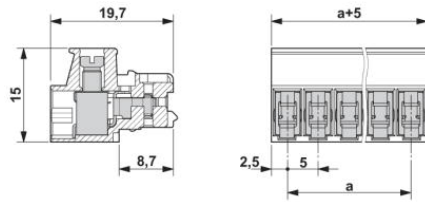
## Diagrams/Drawings

### Diagram



Derating diagram in connection with PST 1,3...-LH-5,0 pin strip;  
reduction factor=0.8; conductor cross-section=4 mm<sup>2</sup>

### Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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