

PT 2,5/ 7-PVH-5,0

Order No.: 1704217

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1704217>

PC terminal block, Nominal current: 14 A, Nom. voltage: 250 V, Pitch:
5 mm, Number of positions: 7, Connection type: Screw connection,
Color: green

Commercial data

EAN	4017918994822
Pack	100 pcs.
Customs tariff	85369010
Weight/Piece	0.012087 KG
Catalog page information	Page 477 (CC-2009)

Product notes

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



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Technical data

Dimensions / positions

Pitch	5 mm
Dimension a	30 mm
Number of positions	7
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

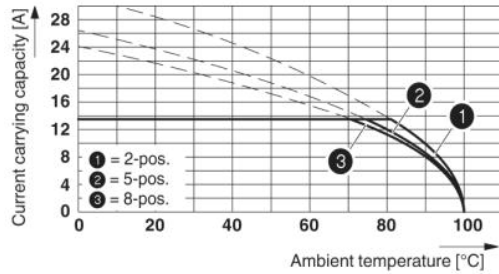
Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	26-12

Additional products

Item	Designation	Description
General		
1704372	PST 1,3/ 7-LH-5,0	Header, Nominal current: 14 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: black, Assembly: Soldering
1704534	PST 1,3/ 7-LV-5,0	Header, Nominal current: 14 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: black, Assembly: Soldering

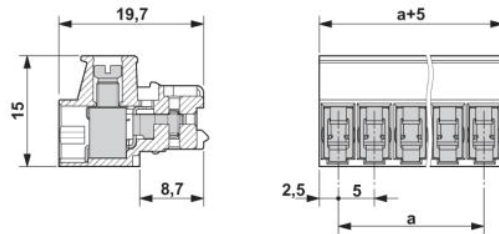
Diagrams/Drawings

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



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