Extract from the online catalog

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

Order No.: 1935828

The figure shows a 10-position version of the product

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1935828

PCB terminal block, nominal current: 32 A, rated voltage: 250 V, pitch: 5.0 mm, number of positions: 7, mounting type: Soldering, connection method: Screw connection, connection direction from the conductor to the PCB: 0°

Commercial data	
EAN	4017918948443
Pack	100 Pcs.
Customs tariff	85369010
Weight/Piece	0.00841 KG
Catalog page information	Page 421 (CC-2007)

Product notes

WEEE/RoHS-compliant since: 01/01/2003

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

Length	9 mm
Height	13.5 mm
Pitch	5 mm

Dimension a	30 mm
Number of positions	7
Pin dimensions	1,0 mm
Pin spacing	5 mm
Hole diameter	1.3 mm
Screw thread	M 3
Tightening torque, min	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	32 A
Nominal voltage U_N	250 V
Nominal cross section	4 mm^2
Maximum load current	32 A (current values dependent on no. of pos., dimensioning of printed circuits, and ambient temperature)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3 / B3
Stripping length	6.5 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	10
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
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm^2 The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage.
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.	1.5 mm^2 The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage.

Certificates / Approvals

Approval logo

c US

CUL

Nominal voltage U_N	300 V
Nominal current I_N	20 A
AWG/kcmil	20-12

UL

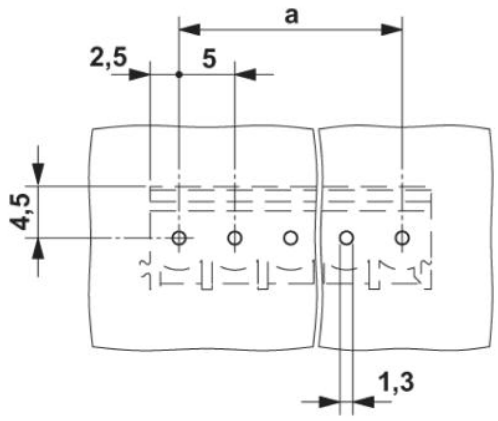
Nominal voltage U_N	300 V
Nominal current I_N	20 A
AWG/kcmil	20-12
Certification	CUL, UL

Accessories

Item	Designation	Description
Marking		
0804183	SK 5/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
Tools		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

Drawings

Drilling diagram



Dimensioned drawing