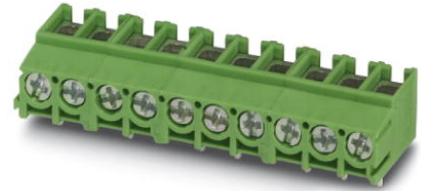


PT 2,5/ 2-5,0-V

Order No.: 1987724

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1987724>

PC terminal block, Nominal current: 32 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 2, Type of connection: Screw connection, Assembly: Soldering, Conductor/PCB connection direction: 90 °, Color: green

Commercial data

EAN	4017918973193
Pack	250 pcs.
Customs tariff	85369010
Weight/Piece	0.00246 KG
Catalog page information	Page 473 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
07/14/2003



<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	13.5 mm
Height	9 mm
Pitch	5 mm

Dimension a	5 mm
Number of positions	2
Pin dimensions	1,0 mm
Pin spacing	5 mm
Hole diameter	1.3 mm
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	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



Certification CUL, UL

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

Accessories

Item	Designation	Description
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Marking

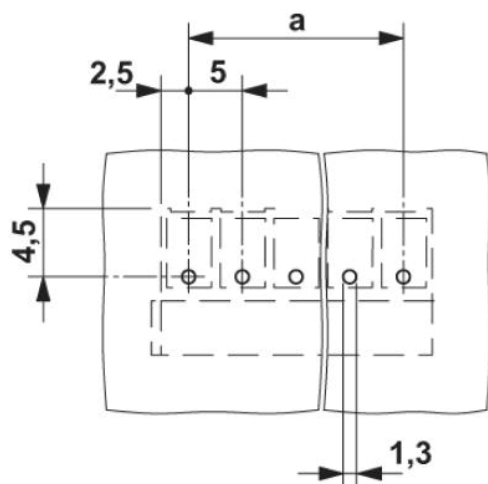
0804183	SK 5/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
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Tools

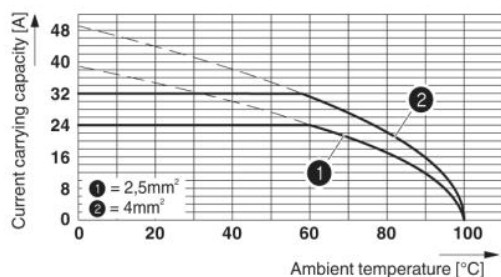
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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Diagrams/Drawings

Drilling plan/solder pad geometry

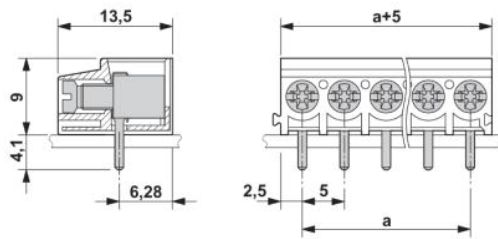


Diagram



Derating diagram for 5 pins;reduction factor=1

Dimensioned drawing



The illustration shows the 5-pos. version

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