

PT 1,5/10-5,0-V

Order No.: 1935394

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1935394>

PC terminal block, Nominal current: 17.5 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Type of connection: Screw connection, Assembly: Soldering, Conductor/PCB connection direction: 90 °, Color: green, Also possible: Connection of a 1.5 mm² conductor with ferrule, then however with reduction in rated voltage or pollution degree / surge category.

Commercial data

EAN	4017918923976
Pack	100 pcs.
Customs tariff	85369010
Weight/Piece	0.009904 KG
Catalog page information	Page 469 (CC-2009)

Product notes

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



<http://www.download.phoenixcontact.com>
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Technical data

Dimensions / positions

Length	11.3 mm
Height	9 mm

Pitch	5 mm
Dimension a	5 mm
Number of positions	10
Pin dimensions	1,0 mm
Pin spacing	5 mm
Hole diameter	1.3 mm
Screw thread	M2,6
Tightening torque, min	0.35 Nm
Tightening torque max	0.4 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	17.5 A
Nominal voltage U_N	250 V
Nominal cross section	1.5 mm ²
Maximum load current	17.5 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A1
Stripping length	5 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²

Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm ²
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.	0.75 mm ²

Certificates / Approvals



Certification

CCA, CUL, SEV, 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

Accessories

Item	Designation	Description
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Marking

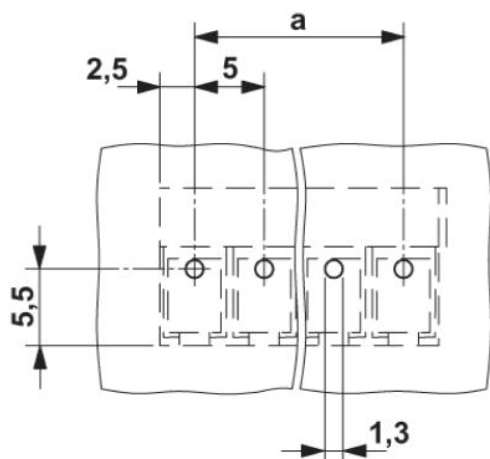
0804183	SK 5/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
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Tools

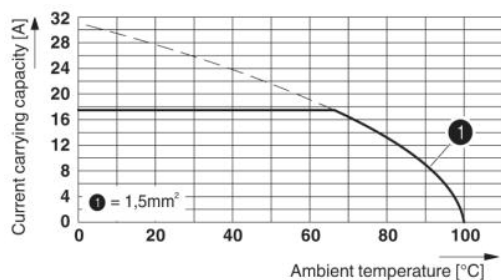
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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Diagrams/Drawings

Drilling plan/solder pad geometry

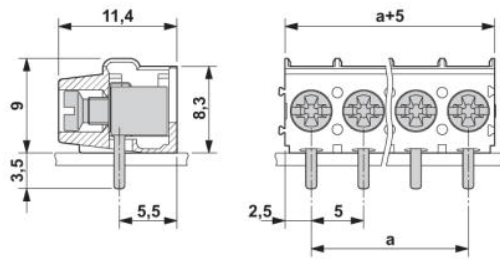


Diagram



Derating diagram for 5 pins;reduction factor=1

Dimensioned drawing



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