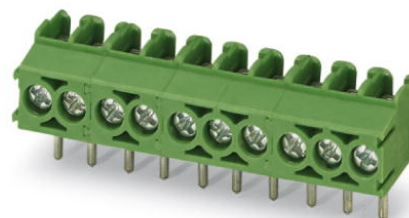


PT 1,5/13-3,5-V

Order No.: 1984879

The figure shows a 10-position version of the product



PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 200 V,
Pitch: 3.5 mm, Number of positions: 13, Connection method: Screw
connection, Mounting: Soldering, Conductor/PCB connection direction:
90 °, Color: green

Commercial data

EAN	 4 017918 946425
Note	Made-to-order
Pack	50
Customs tariff	85369010
Gross weight in pieces	5.86 g
Country of Origin	DE
Catalog page information	Page 523 (CC-2011)

Product notes

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



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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

Length	9 mm
Height	7.6 mm
Pitch	3.5 mm
Dimension a	42 mm
Number of positions	13

Pin dimensions	0,9 mm
Pin spacing	3.5 mm
Hole diameter	1.2 mm
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Technical data

Range of articles	PT 1,5/..-V
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm ²
Maximum load current	17.5 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	5 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.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded 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.	0.75 mm ²

Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.34 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.5 mm ²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

Certificates



Certification

cULus Recognized, GOST, SEV, CCA

Certifications applied for:

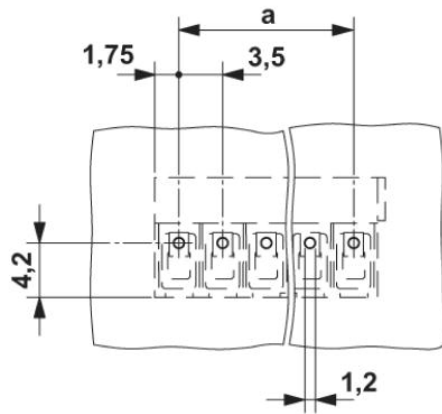
Certification Ex:

Accessories

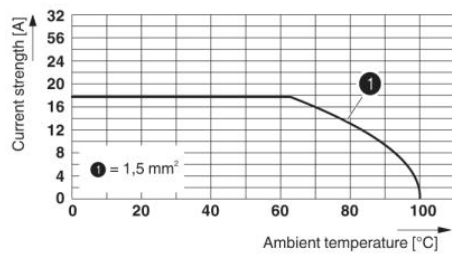
Item	Designation	Description
Marking		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804073	SK 3,5/2,8:FORTL.ZAHLEN	Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, For terminal block width: 3.5 mm
0805030	SK 3,5/2,8:SO	Marker cards, white, Mounting type: Adhesive, For terminal block width: 3.5 mm
0803883	SK U/2,8 WH:UNBEDRUCKT	Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office-Drucksysteme, Mounting type: Adhesive
0811228	X-PEN 0,35	Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm
Tools		
1205037	SZS 0,4X2,5 VDE	Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Drawings

Drilling plan/solder pad geometry

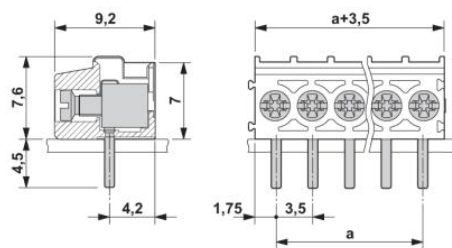


Diagram



Derating diagram for 5 pins; reduction factor=1

Dimensioned drawing



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