

## PTA 1,5/ 6-3,5

Order No.: 1988998

The figure shows a 10-position version of the product



PCB terminal block, nominal current: 10 A, rated voltage: 160 V, pitch:  
3.5 mm, no. of positions: 6, mounting: Soldering, type of connection:  
Screw connection, connection direction from the conductor to the PCB:  
45°

### Commercial data

EAN	4046356036986
Pack	100 Pcs.
Customs tariff	85369010
Weight/Piece	0.0032 KG
Catalog page information	Page 415 (CC-2007)

### Product notes

WEEE/RoHS-compliant since:  
08/26/2003



[http://  
www.download.phoenixcontact.com](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

Pitch	3.5 mm
Dimension a	17.5 mm
Number of positions	6

Pin dimensions	0,9 mm
Pin spacing	3.5 mm
Hole diameter	1.2 mm
Screw thread	M 2
Tightening torque, min	0.25 Nm

#### Technical data

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/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	17.5 A
Nominal voltage $U_N$	160 V
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	17.5 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
Stripping length	5 mm

#### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.5 mm <sup>2</sup>

2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.5 mm <sup>2</sup>

### Certificates / Approvals

#### Approval logo



#### CUL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	26-16

#### UL

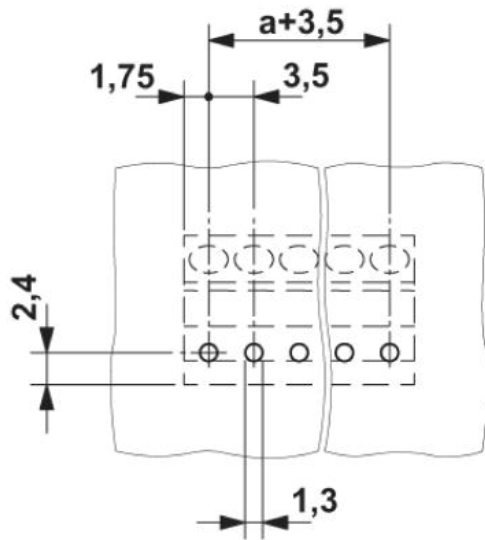
Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	26-16
Certification	CUL, UL

### Accessories

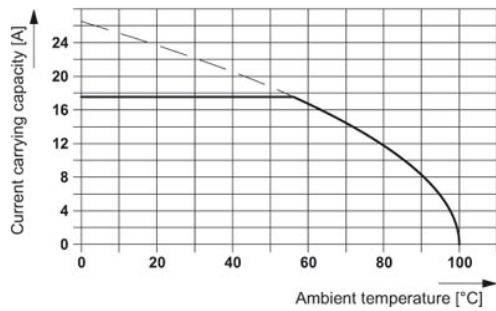
Item	Designation	Description
<b>Marking</b>		
0804073	SK 3,5/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks
0805030	SK 3,5/2,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 14 identical marker strips per card, max. 25-position labeling per strip, color: White
<b>Tools</b>		
1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade: 0.4 x 2.5 mm

## Drawings

### Drilling diagram



### Diagram



### Dimensioned drawing

