

## PTSA 1,5/20-3,5-Z

Order No.: 1985373

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1985373>

Printed circuit terminal block, nominal current: 2 A, rated voltage: 250 V, pitch: 3.5 mm, no. of positions: 20, mounting: Soldering, type of connection: Spring-cage connection, connection direction from the conductor to the PCB: 45°

### Commercial data

EAN	4017918922443
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.01031 KG
Catalog page information	Page 305 (CC-2005)

### 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	12 mm
Height	13.1 mm
Pitch	3.5 mm

Dimension a	66.5 mm
Number of positions	20
Pin dimensions	0,4 x 0,75 mm
Pin spacing	3.5 mm
Hole diameter	1 mm

**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)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	2 A
Nominal voltage $U_N$	250 V
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	2 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	8 mm

**Connection data**

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	16

### Certificates / Approvals



#### CUL

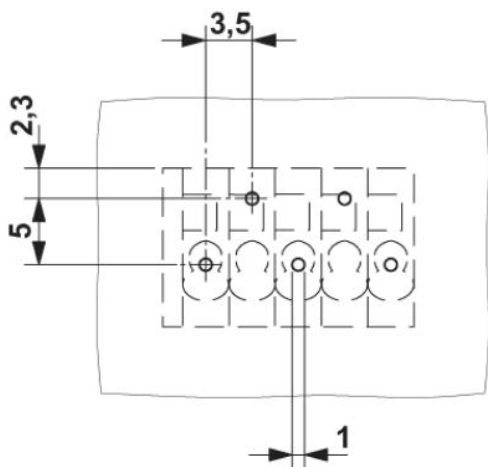
Nominal voltage $U_N$	300 V
Nominal current $I_N$	2 A
AWG/kcmil	24-16

#### UL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	2 A
AWG/kcmil	24-16
Certification	CCA, CUL, UL, VDE-PZI

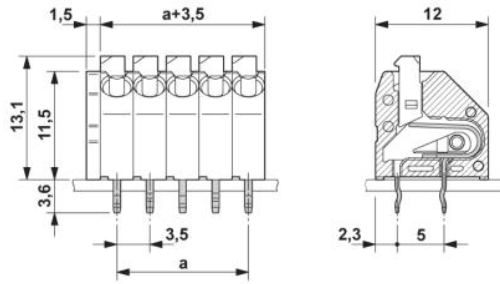
### Drawings

#### Drilling diagram



The illustration shows the drilling plan of the 5-pos. version of the article – Zig-zag pinning starts at the right-hand position. Other pinning available on request.

Dimensioned drawing



The illustration shows the dimensional drawing of the 5-position product version

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