

PTSA 1,5/12-3,5-F


Order No.: 1985069

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1985069>

PC terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 12, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, Soldering legs in front area, one-rowed

Commercial data

| | |
|--------------------------|---|
| GTIN (EAN) |  |
| sales group | E411 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 519 (CC-2011) |

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 | 38.5 mm |
| Number of positions | 12 |
| Pin dimensions | 0,4 x 0,75 mm |
| Pin spacing | 3.5 mm |
| Hole diameter | 1 mm |

Technical data

| | |
|-------------------------------------|---------------------|
| Range of articles | PTSA 1,5 |
| 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) | 200 V |
| Rated voltage (III/2) | 250 V |
| Rated voltage (II/2) | 400 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 2 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 2 A |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Stripping length | 9 mm |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 2 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 2 A |

Connection data

| | |
|--|---------------------|
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section stranded min. | 0.5 mm ² |
| Conductor cross section stranded max. | 1.5 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. | 1 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. | 0.5 mm ² |
| Conductor cross section AWG/kcmil min. | 20 |
| Conductor cross section AWG/kcmil max | 16 |
| Minimum AWG according to UL/CUL | 24 |
| Maximum AWG according to UL/CUL | 16 |

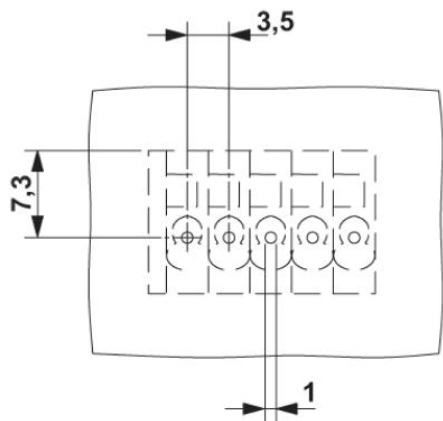
Certificates / Approvals



Certification CCA, CUL, UL, VDE-PZI

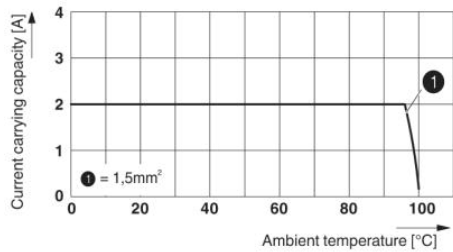
Diagrams/Drawings

Drilling plan/solder pad geometry



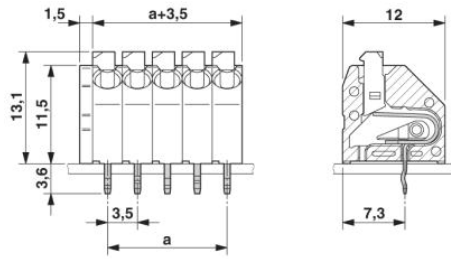
The illustration shows the drilling diagram of the 5-position product version

Diagram



Derating diagram for 5 pins;reduction factor=1

Dimensioned drawing



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

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