**Extract from the online catalog**

# PT 1,5/ 2-5,0-H

Order No.: 1935161

The figure shows a 10-position version of the product

http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1935161

PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, 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 | 4 017918 916930 |
| Pack | 250 |
| Customs tariff | 85369010 |
| Gross weight in pieces | 1.90 g |
| Country of Origin | DE |
| Catalog page information | Page 421 (CAT-1-2013) |

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

| | |
|---|---|
| Length | 9 mm |
| Height | 11.3 mm |
| Pitch | 5 mm |

| | |
|---|---|
| Dimension a | 5 mm |
| Pin dimensions | 1,0 mm |
| Pin spacing | 5 mm |
| Hole diameter | 1.3 mm |

**General**

| | |
|---|---|
| Range of articles | PT 1,5/..-H |
| 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/3) | 250 V |
| Rated voltage (III/2) | 400 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current $I_N$ | 17.5 A |
| Nominal cross section | 1.5 mm² |
| Maximum load current | 17.5 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A 1 |
| Stripping length | 5 mm |
| Number of positions | 2 |
| Screw thread | M2,6 |
| Tightening torque, min | 0.35 Nm |
| Tightening torque max | 0.4 Nm |

**Connection data**

| | |
|---|---|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 2.5 mm² |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 2.5 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm² |

| | |
|---|---|
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1.5 mm² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 14 |
| 2 conductors with same cross section, solid min. | 0.2 mm² |
| 2 conductors with same cross section, solid max. | 0.75 mm² |
| 2 conductors with same cross section, stranded min. | 0.2 mm² |
| 2 conductors with same cross section, stranded max. | 0.75 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.34 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.75 mm² |
| Minimum AWG according to UL/CUL | 26 |
| Maximum AWG according to UL/CUL | 12 |

## Certificates

Certification — cULus Recognized, GOST, SEV, VDE Gutachten mit Fertigungsüberwachung, CCA, IECEE CB Scheme

Certifications applied for:

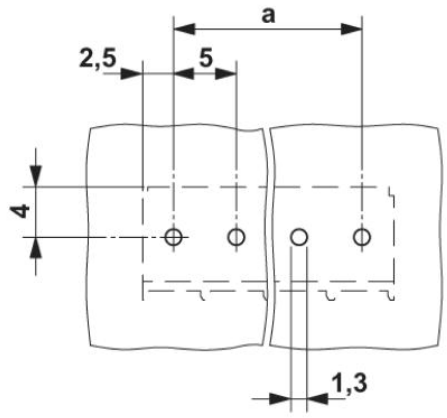
Certification Ex:

## Accessories

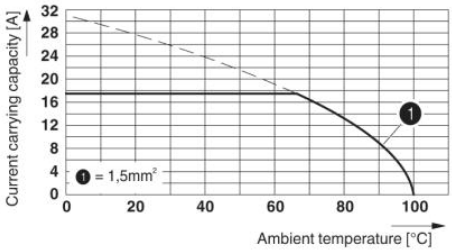
| Item | Designation | Description |
|---|---|---|
| **Marking** | | |
| 0804183 | SK 5/3,8:FORTL.ZAHLEN | Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5 mm |
| **Tools** | | |
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |

## Drawings

Drilling plan/solder pad geometry

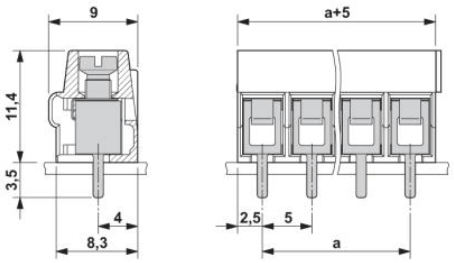



Diagram




Derating diagram for 5 pins;reduction factor=1

Dimensioned drawing



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