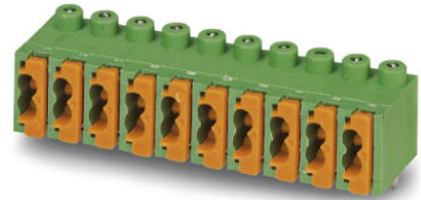


## FK-MPT 0,5/ 7-3,5-H

Order No.: 1928819

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1928819>

PC terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 7, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

### Commercial data

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 017918 591267 |
| Note                     | Made-to-order                                                                                          |
| sales group              | E411                                                                                                   |
| Pack                     | 50 pcs.                                                                                                |
| Customs tariff           | 85366990                                                                                               |
| Catalog page information | Page 509 (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      | 9.5 mm |
| Pitch       | 3.5 mm |
| Dimension a | 21 mm  |

|                     |        |
|---------------------|--------|
| Number of positions | 7      |
| Pin dimensions      | 1 mm   |
| Pin spacing         | 3.5 mm |
| Hole diameter       | 1.2 mm |

#### Technical data

|                                     |                                                        |
|-------------------------------------|--------------------------------------------------------|
| Range of articles                   | FK-MPT 0,5/..-H                                        |
| Insulating material group           | IIIa                                                   |
| 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)               | 250 V                                                  |
| Rated voltage (II/2)                | 250 V                                                  |
| Connection in acc. with standard    | EN-VDE                                                 |
| Nominal current $I_N$               | 4 A                                                    |
| Nominal cross section               | 0.5 mm <sup>2</sup>                                    |
| Maximum load current                | 4 A (with 0.5 mm <sup>2</sup> conductor cross section) |
| Insulating material                 | PBT                                                    |
| Inflammability class acc. to UL 94  | V0                                                     |
| Stripping length                    | 6.5 mm                                                 |
| Nominal voltage, UL/CUL Use Group B | 300 V                                                  |
| Nominal current, UL/CUL Use Group B | 4 A                                                    |
| Nominal voltage, UL/CUL Use Group D | 300 V                                                  |
| Nominal current, UL/CUL Use Group D | 4 A                                                    |

#### Connection data

|                                        |                      |
|----------------------------------------|----------------------|
| Conductor cross section solid min.     | 0.12 mm <sup>2</sup> |
| Conductor cross section solid max.     | 0.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min. | 26                   |
| Conductor cross section AWG/kcmil max  | 20                   |
| Minimum AWG according to UL/CUL        | 28                   |
| Maximum AWG according to UL/CUL        | 20                   |

Certificates / Approvals



Certification CCA, CUL, GOST, SEV, UL

Accessories

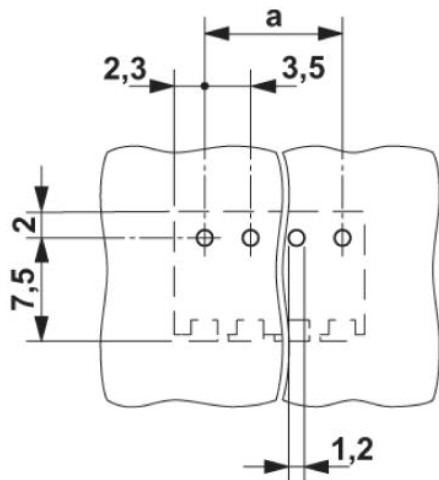
Item                      Designation                      Description

Tools

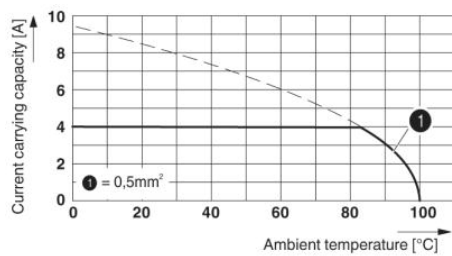
|         |               |                                                                                                                                                      |
|---------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1204504 | SZF 0-0,4X2,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip |
|---------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

Diagrams/Drawings

Drilling plan/solder pad geometry

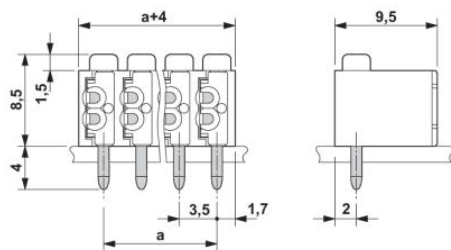


#### Diagram



Derating diagram for 5 positions; reduction factor=0.8

#### Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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