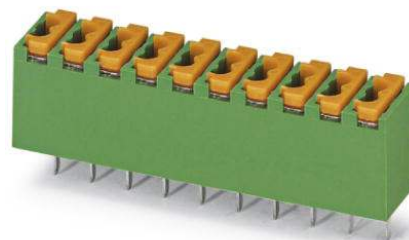


FK-MPT 0,5/ 6-3,5

Order No.: 1891108


The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1891108>

PC terminal block, Nominal current: 4 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 6, Type of connection: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 169626 |
| Note | Made-to-order |
| sales group | E411 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 451 (CC-2009) |

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 | 7 mm |
| Pitch | 3.5 mm |
| Dimension a | 17.5 mm |

| | |
|---------------------|--------------|
| Number of positions | 6 |
| Pin dimensions | 0,4 x 0,9 mm |
| Hole diameter | 1 mm |

Technical data

| | |
|-------------------------------------|--|
| Range of articles | FK-MPT 0,5/..-V |
| 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 ² |
| Maximum load current | 4 A (with 0.5 mm ² 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 ² |
| Conductor cross section solid max. | 0.5 mm ² |
| 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 |
|----------------|-----------------------|--|
| General | | |
| 1905382 | FK-MPT 0,5/ 6-IC-3,5 | Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 6, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block. |
| 1905531 | FK-MPT 0,5/ 6-ICV-3,5 | Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 6, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block. |

Tools

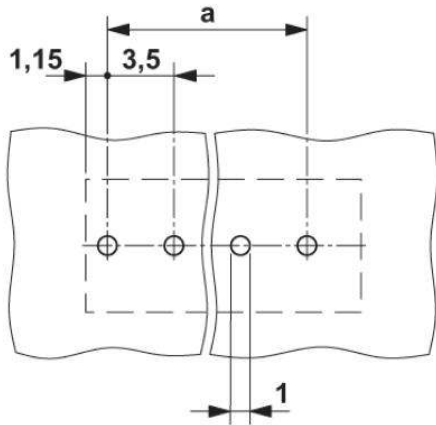
| | | |
|---------|---------------|--|
| 1204504 | SZF 0-0,4X2,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip |
|---------|---------------|--|

Additional products

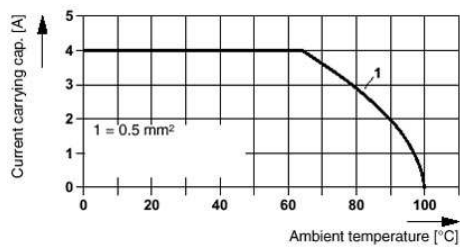
| Item | Designation | Description |
|----------------|-----------------------|--|
| General | | |
| 1905382 | FK-MPT 0,5/ 6-IC-3,5 | Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 6, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block. |
| 1905531 | FK-MPT 0,5/ 6-ICV-3,5 | Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 6, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block. |

Diagrams/Drawings

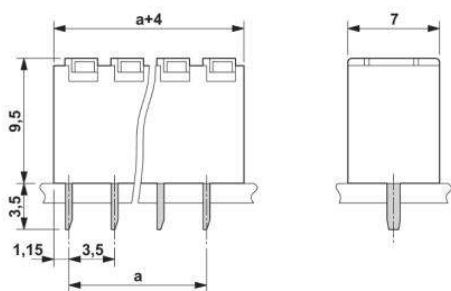
Drilling plan/solder pad geometry



Diagram



Dimensioned drawing



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