

MC 1,5/ 8-ST-3,5

Order No.: 1840421

The figure shows a 10-position version of the product



Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 8, type of connection: Screw connection

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918111601 |
| Pack | 50 Pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.00579 KG |
| Catalog page information | Page 126 (CC-2007) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data

Dimensions / positions

| | |
|---------------------|---------|
| Height | 11.1 mm |
| Pitch | 3.5 mm |
| Dimension a | 24.5 mm |
| Number of positions | 8 |
| Screw thread | M 2 |

| | |
|------------------------------------|--|
| Tightening torque, min | 0.22 Nm |
| Technical data | |
| 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/2) | 160 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 8 A |
| Nominal voltage U_N | 160 V |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 8 A (with 1.5 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A1 |
| Stripping length | 7 mm |

| | |
|--|----------------------|
| Connection data | |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 0.5 mm ² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 16 |
| 2 conductors with same cross section, solid min. | 0.08 mm ² |
| 2 conductors with same cross section, solid max. | 0.5 mm ² |

| | |
|---|----------------------|
| 2 conductors with same cross section, stranded min. | 0.08 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.34 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |

Certificates / Approvals

Approval logo



CSA

| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 8 A |
| AWG/kcmil | 28-16 |

CUL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 8 A |
| AWG/kcmil | 30-14 |

UL

| | |
|-----------------------|---------------------------------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 8 A |
| AWG/kcmil | 30-14 |
| Certification | CB, CSA, CUL, GOST, UL, VDE-PZI |

Accessories

| Item | Designation | Description |
|----------------|-------------------------|--|
| General | | |
| 1834408 | KGG-MC 1,5/ 8 | Cable housing, for cable diameters of 4 - 11 mm, clamp, marker strips and transparent label carrier are included, color: green, no. of positions: 8 |
| Marking | | |
| 0804073 | SK 3,5/2,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks |
| Tools | | |
| 1205037 | SZS 0,4X2,5 | Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm |

Additional products

| Item | Designation | Description |
|----------------|-------------------|---|
| General | | |
| 1897157 | EMC 1,5/ 8-G-3,5 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 8, mounting: Press in |
| 1911075 | EMCV 1,5/ 8-G-3,5 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 8, mounting: Press in |
| 1844278 | MC 1,5/ 8-G-3,5 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 8, mounting: Soldering |
| 1843664 | MCV 1,5/ 8-G-3,5 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 8, mounting: Soldering |

Drawings

Dimensioned drawing

