

MC 1,5/12-ST-3,81

Order No.: 1803675

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.se/phoenix/treeViewClick.do?UID=1803675>

Plug component, Nominal current: 8 A, Nom. voltage: 160 V,
Pitch: 3.81 mm, Number of positions: 12, Connection type: Screw
connection, Color: green

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918045982 |
| Pack | 50 |
| Customs tariff | 85366990 |
| Catalog page information | Page 126 (CC-2007) |

Product notes

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



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 / positions

| | |
|------------------------|----------|
| Height | 11.1 mm |
| Pitch | 3.81 mm |
| Dimension a | 41.91 mm |
| Number of positions | 12 |
| Screw thread | M2 |
| Tightening torque, min | 0.22 Nm |

| | |
|--|--|
| Tightening torque max | 0.25 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



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

CSA

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

CUL

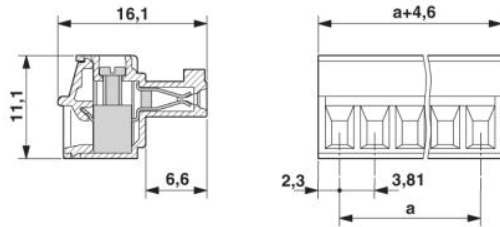
| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 8 A |
| AWG/kcmil | 30-14 |

UL

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

Drawings

Dimensioned drawing



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