

# MC 1,5/ 7-ST-3,5 BK

Order No.: 1800183

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1800183>

Plug component, Nominal current: 8 A, Number of positions: 7, Pitch: 3.5 mm, Connection method: Screw connection, Color: black, Contact surface: Tin

## Commercial data

|                        |                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------|
| EAN                    | <br>4 017918 962135 |
| Note                   | Made-to-order                                                                                        |
| sales group            | E101                                                                                                 |
| Pack                   | 50 Pcs.                                                                                              |
| Customs tariff         | 85366990                                                                                             |
| Gross weight in pieces | 0.00511 KG                                                                                           |
| Net weight per piece   | 0.004681 KG                                                                                          |

## Product notes

WEEE/RoHS-compliant since:  
12/17/2003



<http://www.download.phoenixcontact.com>  
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## Technical data

### Dimensions

|             |        |
|-------------|--------|
| Pitch       | 3.5 mm |
| Dimension a | 21 mm  |

### General

|                                  |                     |
|----------------------------------|---------------------|
| Range of articles                | MC 1,5/...-ST       |
| Rated voltage (III/3)            | 160 V               |
| Connection in acc. with standard | EN-VDE              |
| Nominal current $I_N$            | 8 A                 |
| Nominal cross section            | 1.5 mm <sup>2</sup> |

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Number of positions                                                                     | 7                    |
| <b>Connection data</b>                                                                  |                      |
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 0.5 mm <sup>2</sup>  |
| 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 <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.08 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 0.34 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL                                                         | 30                   |
| Maximum AWG according to UL/CUL                                                         | 14                   |

#### Certificates / Approvals



Certification

CSA, cULus Recognized, GOST, VDE Gutachten mit  
 Fertigungsüberwachung, CCA, IECCE CB Scheme

Certifications applied for:

Certification Ex:

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