

Printed-circuit board connector - FMC 1,5/ 2-ST-3,81 BK - 1703575

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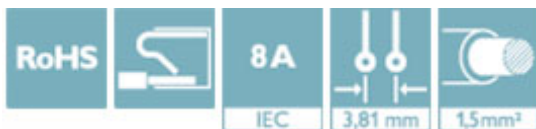
PCB connector, nominal current: 8 A, number of positions: 2, pitch: 3.81 mm, connection method: Push-in spring connection, color: black, contact surface: Tin




The figure shows a 10-position version of the product

Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Operation and conductor connection from one direction enable integration into front of device



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 pc |
| GTIN |  4 046356 658218 |
| GTIN | 4046356658218 |

Technical data

Dimensions

| | |
|--------------|---------|
| Length [l] | 22.9 mm |
| Width [w] | 8.06 mm |
| Height [h] | 7.75 mm |
| Pitch | 3.81 mm |
| Dimension a | 3.81 mm |

General

| | |
|----------------------------------|---------------------------|
| Range of articles | FMC 1,5/...-ST |
| Number of positions | 2 |
| Connection method | Push-in spring connection |
| Rated voltage (III/3) | 160 V |
| Connection in acc. with standard | EN-VDE |

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Technical data

General

| | |
|-----------------------|---------------------|
| Nominal current I_N | 8 A |
| Nominal cross section | 1.5 mm ² |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 16 |

Specifications for ferrules

| | |
|--|--|
| Recommended crimping pliers | 1212034 CRIMPFOX 6 |
| Ferrules without insulating collar, according to DIN 46228-1 | Cross section: 0.25 mm ² ; Length: 5 mm ... 7 mm |
| | Cross section: 0.34 mm ² ; Length: 7 mm |
| | Cross section: 0.5 mm ² ; Length: 8 mm ... 10 mm |
| | Cross section: 0.75 mm ² ; Length: 8 mm ... 10 mm |
| | Cross section: 1 mm ² ; Length: 8 mm ... 10 mm |
| | Cross section: 1.5 mm ² ; Length: 10 mm |

Standards and Regulations

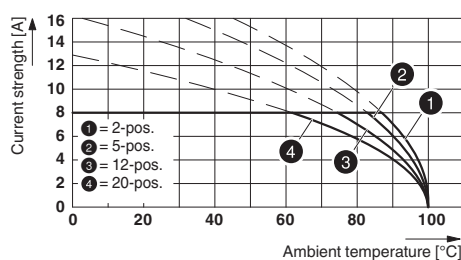
| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Diagram



Type: FMC 1,5/...-ST-3,81 with MCV 1,5/...-G-3,81 P.. THR

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Approvals

Approvals

Approvals

IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|----------------------------|---------|---|----------------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-60987-B1B2 |
| Nominal voltage UN | 160 V | | |
| Nominal current IN | 8 A | | |
| mm ² /AWG/kcmil | 0.2-1.5 | | |

| | | | |
|---|---------|---|----------|
| VDE Gutachten mit Fertigungsüberwachung | | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40011723 |
| Nominal voltage UN | 160 V | | |
| Nominal current IN | 8 A | | |
| mm ² /AWG/kcmil | 0.2-1.5 | | |

| | | |
|-----|--|---------|
| EAC | | B.01742 |
|-----|--|---------|

| | | | |
|----------------------------|-------|---|-----------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19920306 |
| | B | C | |
| Nominal voltage UN | 300 V | 50 V | |
| Nominal current IN | 8 A | 8 A | |
| mm ² /AWG/kcmil | 24-16 | 24-16 | |

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PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>