

**FP Box FUSE R****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



The FieldPower® power distributors support error-free installation in an extremely short space of time. Branches and functions integrated in the cover can simply be plugged in. Robust with high protection degree. For cable seals consult accessories

**General ordering data**

|            |   |
|------------|---|
| Order No.  | <a href="#">1025060000</a>  |
| Type       | FP Box FUSE R   |
| Version    | FieldPower® Box, IP 65, Polycarbonate, GF 10, With fuse function, with local outage display, No-voltage outage signal via M12 |
| GTIN (EAN) | 4032248745869   |
| Qty.       | 1 pc(s).  |

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## Technical data

### Dimensions and weights

|        |        |            |        |
|--------|--------|------------|--------|
| Length | 181 mm | Width      | 104 mm |
| Height | 86 mm  | Net weight | 807 g  |

### Temperatures

|                                       |                 |                                       |                 |
|---------------------------------------|-----------------|---------------------------------------|-----------------|
| Operating temperature                 | -40 °C...+55 °C | Storage temperature                   | -40 °C...+85 °C |
| Temperature range, installation, min. | 10 °C           | Temperature range, installation, max. | 40 °C           |

### Clamping capacity, Push-In connection, distribution

|  |                     |  |                     |
|--|---------------------|--|---------------------|
| Blade size   | 0.6 x 3.5 mm        | Blade size, PUSH IN connection   | 0.6 x 3.5 mm        |
| Cross-section for connected wire PUSH IN connection, solid, min.   | 0.5 mm <sup>2</sup> | Cross-section for connected wire, PUSH IN connection, solid, max.  | 6 mm <sup>2</sup>   |
| Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max. | 6 mm <sup>2</sup>   | Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min. | 0.5 mm <sup>2</sup> |
| Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max. | 6 mm <sup>2</sup>   | Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min. | 0.5 mm <sup>2</sup> |
| Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.  | 6 mm <sup>2</sup>   | Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.  | 0.5 mm <sup>2</sup> |
| Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.  | 6 mm <sup>2</sup>   | Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.  | 0.5 mm <sup>2</sup> |
| Cross-section for connected wire, flexible, PUSH IN connection, max.   | 10 mm <sup>2</sup>  | Cross-section for connected wire, flexible, PUSH IN connection, min.   | 0.5 mm <sup>2</sup> |
| Finely-stranded flexible, max. PUSH IN connection  | 6 mm <sup>2</sup>   | Finely-stranded flexible, min. PUSH IN connection  | 0.5 mm <sup>2</sup> |
| Stripping length, PUSH IN connection   | 14 mm               | Wire connection cross section, stranded, PUSH IN connection, max.  | 6 mm <sup>2</sup>   |
| Wire connection cross section, stranded, PUSH IN connection, min.  | 0.5 mm <sup>2</sup> |  |                     |

### IDC connection clamping capacity, power cable

|   |                     |   |                     |
|---|---------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm        | Finely stranded, max. (rated connection)                        | 6 mm <sup>2</sup>   |
| Finely stranded, min. (rated connection)                        | 2.5 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.            | 6 mm <sup>2</sup>   |
| Wire connection cross section, stranded, rated connection, max. | 6 mm <sup>2</sup>   | Wire connection cross section, stranded, rated connection, min. | 2.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded, min.            | 2.5 mm <sup>2</sup> | Wire cross-section, solid, max.                                 | 6 mm <sup>2</sup>   |
| Wire cross-section, solid, min.                                 | 1.5 mm <sup>2</sup> |   |                     |

### General information #96 connectors

|                           |                  |                              |                            |
|---------------------------|------------------|------------------------------|----------------------------|
| Can be coded              | Yes, Coded on PE | Cartridge fuse               | 6.3 x 32 mm (1/4 x 1 1/4") |
| Failure indicator         | Red LED          | Number of connections / pole | 1                          |
| UL 94 flammability rating | 5VA              |                              |                            |

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**Technical data****General data**

|                           |                      |                 |       |
|---------------------------|----------------------|-----------------|-------|
| Can be coded              | Yes, Coded on PE     | Material colour | Black |
| Protection degree         | IP 65                | Silicone        | No    |
| Insulating material       | Polycarbonate, GF 10 | Halogen         | No    |
| UL 94 flammability rating | 5VA                  |                 |       |

**Dimensions of box**

|        |        |        |        |
|--------|--------|--------|--------|
| Height | 86 mm  | Length | 181 mm |
| Width  | 104 mm |        |        |

**Rated data acc. to IEC**

|                                 |                   |               |       |
|---------------------------------|-------------------|---------------|-------|
| Rated cross-section             | 6 mm <sup>2</sup> | Rated current | 12 A  |
| Rated impulse withstand voltage | 8 kV              | Rated voltage | 690 V |
| Standards                       | IEC 60947-7-3     |               |       |

**Rated data acc. to UL**

|           |               |  |  |
|-----------|---------------|--|--|
| Standards | IEC 60947-7-3 |  |  |
|-----------|---------------|--|--|

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000214    | UNSPSC     | 30-21-18-01 |
| eClass 6.2 | 27-14-24-09 | eClass 7.1 | 27-14-24-09 |