

## FEED THROUGH TERMINALS - FRK 1.5-16MM<sup>2</sup>

FRK

3222.5

FRK 4/4A Blue, 4mm<sup>2</sup> Push-in feed through, 2 in, 2 out

- Wiring without tools
- Material polyamide 6.6
- Temperature resistance -40 °C...+120 °C
- Flammability class V0
- See also FRKI for additional sizes



### PRODUCT DESCRIPTION

The FRK series is the 1st generation of an innovative range of push-in connection terminals. It ranges from the smallest cross-section of 0.2 mm<sup>2</sup> to 16 mm<sup>2</sup> in feed-through and snap on Earths, disconnect, fuse and installation terminals. The push-in connection enables a safe and fast connection of rigid and flexible conductors with wire end ferrules. The clever range of accessories significantly reduces assembly and storage costs. With the pluggable potential distribution systems FQI, potentials can be easily multiplied. The compact FRKI range completes the offer with 6 -10mm compact terminals to complement the FRK offer.

### SPECIFICATIONS

#### Approvals

CSA, CSA US, KEMA KUR, EAC

#### Color

Blue

|  |                     |
|--|---------------------|
| Connections                              | 4                   |
| Contamination degree                     | 3                   |
| Country of origin                        | BG                  |
| Cross connect channels                   | 2                   |
| Cross section single wire from           | 0.2 mm <sup>2</sup> |
| Cross section single wire to             | 6 mm <sup>2</sup>   |
| Cross section stranded wire from         | 0.2 mm <sup>2</sup> |
| Cross section stranded wire to           | 6 mm <sup>2</sup>   |
| Cross section stranded with ferrule from | 0.2 mm <sup>2</sup> |
| Cross section stranded with ferrule to   | 4 mm <sup>2</sup>   |
| Cross-Section                            | 4 mm <sup>2</sup>   |
| CSA test standard                        | C22.2 No 158        |
| CSAus test standard                      | UL 1059             |
| EAC test standard                        | TR ZU 004/2011      |
| Flamklass                                | UL94-V0             |
| Height TS 35/7.5                         | 43 mm               |
| Insulation Material                      | Polyamide 6.6       |
| KEMA KEUR test standard                  | EN 60947-7-1:2009   |
| Length                                   | 80 mm               |
| Mounting                                 | TS 35/7,5           |
| Number of levels                         | 1                   |
| Operating temperature from               | -40 °C              |
| Operating temperature to                 | 120 °C              |
| Overvoltage category                     | III                 |
| Pack Size                                | 100                 |
| Plug gauge acc. EN 60 947-1              | A4                  |
| Rated Current CSA                        | 35 A                |
| Rated current CSAus                      | 35 A                |
| Rated Current IEC                        | 32 A                |
| Rated impulse voltage                    | 8 kV                |
| Rated wire cross section from (AWG)      | 20                  |
| Rated wire cross section to (AWG)        | 10                  |
| Rated voltage CSAus                      | 600 V               |
| Rated Voltage IEC                        | 800 V               |

|                  |          |
|------------------|----------|
| Stripping Length | 12 mm    |
| Tariff code      | 85369010 |
| Weight           | 18.77 g  |
| Width            | 6.1 mm   |
| Voltage CSA      | 600 V    |

