



## Main

|                                     |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| Range                               | Multi 9                                                             |
| Product name                        | Multi 9 GFP                                                         |
| Product or component type           | Residual current circuit breaker (RCCB)                             |
| Device short name                   | GFP                                                                 |
| Device application                  | Distribution                                                        |
| Poles description                   | 4P                                                                  |
| Neutral position                    | Left                                                                |
| [In] rated current                  | 100 A at 40 °C conforming to EN/IEC 61008-1                         |
| Network type                        | AC                                                                  |
| Earth-leakage sensitivity           | 260 mA conforming to UL 1053<br>300 mA conforming to EN/IEC 61008-1 |
| Earth-leakage protection time delay | Instantaneous                                                       |
| Earth-leakage protection class      | Type A-SI (Super Immunised)                                         |
| Utilisation category                | AC-23A conforming to EN/IEC 61008-1                                 |

## Complementary

|                                         |                                                                                                                                                                                                                                                                                            |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                       | 50/60 Hz                                                                                                                                                                                                                                                                                   |
| [Ue] rated operational voltage          | 415 V AC 50 Hz<br>480Y/277 V AC 60 Hz                                                                                                                                                                                                                                                      |
| Residual current tripping technology    | Voltage independent                                                                                                                                                                                                                                                                        |
| Rated breaking and making capacity      | Idm 1500 A conforming to EN/IEC 61008-1                                                                                                                                                                                                                                                    |
| Rated conditional short-circuit current | Inc 10 kA 100 A gG                                                                                                                                                                                                                                                                         |
| [Ui] rated insulation voltage           | 440 V AC 50/60 Hz                                                                                                                                                                                                                                                                          |
| [Uimp] rated impulse withstand voltage  | 6 kV conforming to EN/IEC 61008-1                                                                                                                                                                                                                                                          |
| Contact position indicator              | Yes                                                                                                                                                                                                                                                                                        |
| Control type                            | Toggle                                                                                                                                                                                                                                                                                     |
| Local signalling                        | ON, OFF, fault trip                                                                                                                                                                                                                                                                        |
| Mounting mode                           | Clip-on                                                                                                                                                                                                                                                                                    |
| Mounting support                        | DIN rail                                                                                                                                                                                                                                                                                   |
| 9 mm pitches                            | 8                                                                                                                                                                                                                                                                                          |
| Height                                  | 81 mm                                                                                                                                                                                                                                                                                      |
| Width                                   | 72 mm                                                                                                                                                                                                                                                                                      |
| Depth                                   | 60 mm                                                                                                                                                                                                                                                                                      |
| Net weight                              | 0.45 kg                                                                                                                                                                                                                                                                                    |
| Colour                                  | Grey                                                                                                                                                                                                                                                                                       |
| Mechanical durability                   | 20000 cycles                                                                                                                                                                                                                                                                               |
| Locking options description             | Padlocking in OFF position                                                                                                                                                                                                                                                                 |
| Connections - terminals                 | Tunnel type terminals (top or bottom) 1...25 mm <sup>2</sup> (AWG 18...AWG 3) - flexible<br>Tunnel type terminals (top or bottom) 1...35 mm <sup>2</sup> (AWG 18...AWG 2) - rigid<br>Tunnel type terminals (top or bottom) 1...25 mm <sup>2</sup> (AWG 18...AWG 3) - flexible with ferrule |
| Wire stripping length                   | 14 mm for top or bottom connection                                                                                                                                                                                                                                                         |
| Tightening torque                       | 3.5 N.m top or bottom                                                                                                                                                                                                                                                                      |

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## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Standards                             | EN/IEC 61008-1<br>UL 1053                                                        |
| Product certifications                | IEC<br>UL                                                                        |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree                      | 3                                                                                |
| Electromagnetic compatibility         | 8/20 µs impulse withstand, 3000 A conforming to EN/IEC 61008-1                   |
| Tropicalisation                       | 2 conforming to IEC 60068-1                                                      |
| Relative humidity                     | 95 % at 55 °C                                                                    |
| Ambient air temperature for operation | -25...60 °C                                                                      |
| Ambient air temperature for storage   | -40...70 °C                                                                      |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 350 g    |
| Package 1 Height             | 7.7 cm   |
| Package 1 width              | 8.5 cm   |
| Package 1 Length             | 9.2 cm   |
| Unit Type of Package 2       | S03      |
| Number of Units in Package 2 | 27       |
| Package 2 Weight             | 9.844 kg |
| Package 2 Height             | 30 cm    |
| Package 2 width              | 30 cm    |
| Package 2 Length             | 40 cm    |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                               |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |