



## 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           | 86 mA conforming to UL 1053<br>100 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                                                                                                                                                                                                                                                                      |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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 $\mu$ s 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

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.382 kg |
| Package 1 Height | 0.840 dm |
| Package 1 width  | 0.770 dm |
| Package 1 Length | 0.910 dm |

## Offer Sustainability

|                   |                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive | Under investigation                                                                                                         |
| WEEE              | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |