

# Product data sheet

Specifications



## Residual current circuit breaker (RCCB), Multi9 GFP, 2P, 25A, A-SI type, 86mA

M9R12225

### Main

Range	Multi9
Product name	Multi9 GFP
Product or component type	Residual current circuit breaker (RCCB)
Device short name	GFP
Device application	Distribution
Poles description	2P
Neutral position	Left
[In] rated current	25 A at 40 °C conforming to EN/IEC 61008-1
Network type	AC
Earth-leakage sensitivity	86 mA conforming to UL 1053 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
Standards	EN/IEC 61008-1 UL 1053
Product certifications	IEC UL

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	120/240 V AC 60 Hz 240 V AC 50 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	I <sub>dm</sub> 1500 A conforming to EN/IEC 61008-1
Rated conditional short-circuit current	I <sub>nc</sub> 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

<b>Mounting support</b>	DIN rail
<b>9 mm pitches</b>	4
<b>Height</b>	81 mm
<b>Width</b>	36 mm
<b>Depth</b>	60 mm
<b>Net weight</b>	0.22 kg
<b>Colour</b>	Grey
<b>Mechanical durability</b>	20000 cycles
<b>Locking options description</b>	Padlocking in OFF position
<b>Connections - terminals</b>	Tunnel type terminals (top or bottom) 1...25 mm <sup>2</sup> (AWG 18...AWG 3) - flexible Tunnel type terminals (top or bottom) 1...35 mm <sup>2</sup> (AWG 18...AWG 2) - rigid Tunnel type terminals (top or bottom) 1...25 mm <sup>2</sup> (AWG 18...AWG 3) - flexible with ferrule
<b>Wire stripping length</b>	14 mm for top or bottom connection
<b>Tightening torque</b>	3.5 N.m top or bottom

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.100 cm
<b>Package 1 Width</b>	8.000 cm
<b>Package 1 Length</b>	8.900 cm
<b>Package 1 Weight</b>	213.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	54
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	11.911 kg



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint 19

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 93d5f95e-203e-4b60-8a26-236a123bd123

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

### Use Again

#### Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins