

Product data sheet

Specifications



Residual current circuit breaker (RCCB), Multi9 GFP, 2P, 25A, A-SI type, 30mA

M9R81225

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	26 mA conforming to UL 1053 30 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	120/240 V AC 60 Hz 240 V AC 50 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	I _{nc} 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	4
Height	81 mm
Width	36 mm
Depth	60 mm
Net weight	0.22 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 ² (AWG 18...AWG 3) - flexible Tunnel type terminals (top or bottom) 1...35 mm ² (AWG 18...AWG 2) - rigid Tunnel type terminals (top or bottom) 1...25 mm ² (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

Environment

Standards	EN/IEC 61008-1 UL 1053
Product certifications	IEC UL
IP degree of protection	IP20 conforming to IEC 60529 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 Height	4.1 cm
Package 1 Width	8.5 cm
Package 1 Length	9.2 cm
Package 1 Weight	215.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	12.044 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Recommended replacement(s)