Product datasheet

Specification





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	

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	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	4	
Height	81 mm	

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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) 125 mm² (AWG 18AWG 3) - flexible Tunnel type terminals (top or bottom) 135 mm² (AWG 18AWG 2) - rigid Tunnel type terminals (top or bottom) 125 mm² (AWG 18AWG 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	-2560 °C
Ambient air temperature for storage	-4070 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.0 cm
Package 1 Width	8.3 cm
Package 1 Length	9.0 cm
Package 1 Weight	215.0 g



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Transparency RoHS/REACh

Well-being performance



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Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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
Circularity Profile	No need of specific recycling operations