Product data sheet
Characteristics

M9R12425
Residual current circuit breaker (RCCB), Multi9 GFP, 4P, 25A, A-SI type, 86mA



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	4P
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[RETURN]UL

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	415 V AC 50 Hz 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 mm² (18 AWG...3 AWG) - flexible Tunnel type terminals (top or bottom)1…35 mm² (18 AWG...2 AWG) - rigid Tunnel type terminals (top or bottom)1…25 mm² (18 AWG...3 AWG) - flexible with ferrule
Wire stripping length	14 Mm for top or bottom connection
Tightening torque	3.5 N.M top or bottom

Environment

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	9.200 Cm
Package 1 Width	7.700 Cm
Package 1 Length	8.500 Cm
Package 1 Weight	350.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	9.456 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	216
Package 3 Height	45.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	81.741 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	Yes
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	93d5f95e-203e-4b60-8a26-236a123bd123
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
OECD PFAS Regulation	Item contains PFAS Chemicals
POP Directive	No POPs
Halogen-free status	Product contains halogen above thresholds
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

Contractual warranty

Warranty (in months)	18

Product Life Status :	Commercialised