Product data sheet
Characteristics

M9R12491
Multi 9 - GFP - RCCB - 4P - 100A - class A SI - 480Y/277 V - 86 mA instantaneous

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 104 °F (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
Rated breaking and making capacity	Idm 1000 A conforming to EN/IEC 61008-1
Rated conditional short-circuit current	Inc 10 kA 100 A gG
Utilisation category	Conforming to EN/IEC 61008-1
Suitability for isolation	Yes conforming to EN/IEC 61008-1

Complementary

Network frequency	50/60 Hz
System Voltage	240 V AC 60 Hz 480Y/277 V AC 60 Hz 230/400 V AC 50 Hz 240/415 V AC 50 Hz
Residual current tripping technology	Voltage independent
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 61008-1
Contact position indicator	Yes
Control type	Toggle

Disclaimer: 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

Local signalling	Trip indicator
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	3.19 in (81 mm)
Width	2.83 in (72 mm)
Depth	2.36 in (60 mm)
Product weight	0.99 lb(US) (0.45 kg)
Colour	Grey
Mechanical durability	20000 cycles
Provision for padlocking	Padlockable
Locking options description	Padlocking in OFF position
Connections - terminals	Tunnel type terminals, top or bottom flexible wire(s) 0...0.04 in² (1...25 mm²) max (AWG 18...AWG 3) Tunnel type terminals, top or bottom rigid wire(s) 0...0.05 in² (1...35 mm²) max (AWG 18...AWG 2) Tunnel type terminals, top or bottom flexible with ferrule wire(s) 0...0.04 in² (1...25 mm²) max (AWG 18...AWG 3)
Tightening torque	30.97 lbf.in (3.5 N.m) (top or bottom)

Environment

Standards	EN/IEC 61008-1 UL 1053
Product certifications	UL CSA CCC IEC
IP degree of protection	IP40 modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Electromagnetic compatibility	8/20 µs impulse withstand 3000 A
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % (131 °F (55 °C))
Ambient air temperature for operation	-13...140 °F (-25...60 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)

Offer Sustainability

Sustainable offer status	Not Green Premium product