

Product data sheet

Specifications



Residual current circuit breaker (RCCB), Multi9 GFP, 2P, 40A, A-SI type, 30mA

M9R81240

Product availability: Stock - Normally stocked in distribution facility

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
Line Rated Current	40 A 104 °F (40 °C) EN/IEC 61008-1
Network type	AC
Earth-leakage sensitivity	26 mA UL 1053 30 mA EN/IEC 61008-1
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A-SI (Super Immunised)
Utilisation category	AC-23A 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	Idm 1500 A 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 _{EN} /IEC 61008-1
Contact position indicator	Yes
Control Type	Toggle
Local signalling	ON, OFF, fault trip
Mounting Mode	Clip-on

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Mounting Support	DIN rail
9 mm pitches	4
Height	3.2 in (81 mm)
Width	1.4 in (36 mm)
Depth	2.4 in (60 mm)
Net Weight	0.49 lb(US) (0.22 kg)
color	Gray
Mechanical durability	20000 cycles
Locking options description	Padlocking in OFF position
Connections - terminals	Tunnel type terminals top or bottom) 0.002...0.04 in ² (1...25 mm ²) AWG 18...AWG 3) - flexible Tunnel type terminals top or bottom) 0.002...0.05 in ² (1...35 mm ²) AWG 18...AWG 2) - rigid Tunnel type terminals top or bottom) 0.002...0.04 in ² (1...25 mm ²) AWG 18...AWG 3) - flexible with ferrule
Wire stripping length	0.6 in (14 mm) for top or bottom connection
Tightening torque	31.0 lbf.in (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 EN/IEC 61008-1
Tropicalisation	2 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)

Ordering and shipping details

Category	US10DE200948
Discount Schedule	0DE2
GTIN	3606481198440
Returnability	Yes
Country of origin	ES

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.575 in (4.000 cm)
Package 1 Width	3.307 in (8.400 cm)
Package 1 Length	3.543 in (9.000 cm)
Package weight(Lbs)	7.584 oz (215.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	54

Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	26.720 lb(US) (12.120 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

Carbon footprint (kg CO2 eq, Total Life cycle) 42

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 81454b7e-fcdf-4818-a481-efccd54a351f

REACH Regulation [REACH Declaration](#)

Halogen content performance Product contains halogen above thresholds

Use Again

Repack and remanufacture

Circularity Profile 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.