

Product data sheet

Specifications



Residual current circuit breaker (RCCB), Multi9 ID, 2P, 40A, AC type, 30mA

M9R11240

Main

Range	Multi9
Product name	Multi9 ID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	ID
Device application	Distribution
poles description	2P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC

Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	220...240 V AC 50 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	Idm 400 A EN/IEC 61008-1
Rated conditional short-circuit current	I _{nc} 10 kA
[Ui] rated insulation voltage	440 V AC 50 Hz EN/IEC 61008-1
[Uimp] rated impulse withstand voltage	6 kV _{EN/IEC} 61008-1
Surge current	250 A
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	3.2 in (81 mm)
Width	1.4 in (36 mm)

Depth	2.9 in (73 mm)
Net weight	0.51 lb(US) (0.23 kg)
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	2000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminal top or bottom) 0.002...0.05 in ² (1...35 mm ²) - rigid Tunnel type terminal top or bottom) 0.002...0.04 in ² (1...25 mm ²) - flexible Tunnel type terminal top or bottom) 3 0.02 in ² (16 mm ²) - rigid Tunnel type terminal top or bottom) 3 0.02 in ² (10 mm ²) - flexible Tunnel type terminal top or bottom) 0.002...0.04 in ² (1...25 mm ²) - flexible with ferrule
Wire stripping length	0.6 in (15 mm) for top or bottom connection
Tightening torque	31.0 lbf.in (3.5 N.m) top or bottom

Environment

Standards	EN/IEC 61008-1
Product certifications	CE
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, 250 A EN/IEC 61008-1
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Ambient air temperature for operation	23...104 °F (-5...40 °C)
Ambient air temperature for storage	-40...140 °F (-40...60 °C)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.6 in (4.0 cm)
Package 1 Width	3.3 in (8.5 cm)
Package 1 Length	3.5 in (9.0 cm)
Package 1 Weight	7.2 oz (205 g)
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	11.8 in (30.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	25.377 lb(US) (11.511 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	432
Package 3 Height	17.5 in (44.4 cm)
Package 3 Width	31.5 in (80 cm)

Package 3 Length	47.2 in (120 cm)
Package 3 Weight	229.475 lb(US) (104.088 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

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