

# 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
Standards	EN/IEC 61008-1
Product certifications	CE

### 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	Inc 10 kA
[Ui] rated insulation voltage	440 V AC 50 Hz EN/IEC 61008-1
[Uimp] rated impulse withstand voltage	6 kVEN/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

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

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 in² (1...35 mm²) - rigid Tunnel type terminal top or bottom) 0.002...0.04 in² (1...25 mm²) - flexible Tunnel type terminal top or bottom) 3 0.02 in² (16 mm²) - rigid Tunnel type terminal top or bottom) 3 0.02 in² (10 mm²) - flexible Tunnel type terminal top or bottom) 0.002...0.04 in² (1...25 mm²) - 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

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	1.57 in (4.000 cm)
Package 1 Width	3.35 in (8.500 cm)
Package 1 Length	3.54 in (9.000 cm)
Package 1 Weight	7.231 oz (205.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 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	17.48 in (44.400 cm)
Package 3 Width	31.50 in (80.000 cm)

Package 3 Length	47.24 in (120.000 cm)
Package 3 Weight	229.475 lb(US) (104.088 kg)

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	<a href="#">Product Environmental Profile</a>

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	2c7837a4-39fc-4abc-96ed-2ef14f8f87c7
China RoHS Regulation	<a href="#">China RoHS declaration</a>

Use Again

Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Take-back	No