

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 conforming to EN/IEC 61008-1
Rated conditional short-circuit current	Inc 10 kA
[Ui] rated insulation voltage	440 V AC 50 Hz conforming to EN/IEC 61008-1
[Uimp] rated impulse withstand voltage	6 kV conforming to 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

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	81 mm
Width	36 mm
Depth	73 mm
Net weight	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) 1...35 mm² - rigid Tunnel type terminal (top or bottom) 1...25 mm² - flexible Tunnel type terminal (top or bottom) 3 cable(s) 16 mm² - rigid Tunnel type terminal (top or bottom) 3 cable(s) 10 mm² - flexible Tunnel type terminal (top or bottom) 1...25 mm² - flexible with ferrule
Wire stripping length	15 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, 250 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	-5...40 °C
Ambient air temperature for storage	-40...60 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.000 cm
Package 1 Width	8.500 cm
Package 1 Length	9.000 cm
Package 1 Weight	205.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	11.511 kg
Unit Type of Package 3	P12
Number of Units in Package 3	432
Package 3 Height	44.400 cm
Package 3 Width	80.000 cm

Package 3 Length	120.000 cm
Package 3 Weight	104.088 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	
Total lifecycle Carbon footprint	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
SCIP Number	2c7837a4-39fc-4abc-96ed-2ef14f8f87c7
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Halogen-free status	Product contains halogen above thresholds

Use Again

 Repack and remanufacture	
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 never end up in rubbish bins