

Product data sheet

Specifications



Residual current circuit breaker (RCCB), Multi9 ID, 4P, 40A, A-SI type, 300mA, selective

M9R35440

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	4P
Neutral position	Left
Line Rated Current	40 A
Network type	AC
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Selective
Earth-leakage protection class	Type A-SI (Super Immunised)
Standards	EN/IEC 61008-1
Product certifications	CE

Complementary

Network Frequency	50 Hz
[U _e] rated operational voltage	380...415 V AC 50 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	I _{dm} 400 A EN/IEC 61008-1
Rated conditional short-circuit current	I _{nc} 10 kA
[U _i] rated insulation voltage	440 V AC 50 Hz EN/IEC 61008-1
[U _{imp}] rated impulse withstand voltage	6 kV EN/IEC 61008-1
Surge current	3000 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	8
Height	3.2 in (81 mm)

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

Width	2.8 in (72 mm)
Depth	2.9 in (73 mm)
Net Weight	0.99 lb(US) (0.45 kg)
color	Gray
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

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...104 °F (-25...40 °C)
Ambient Air Temperature for Storage	-40...140 °F (-40...60 °C)

Ordering and shipping details

GTIN	3606480578403
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.953 in (7.500 cm)
Package 1 Width	3.346 in (8.500 cm)
Package 1 Length	3.543 in (9.000 cm)
Package weight(Lbs)	12.310 oz (349.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	27
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	21.848 lb(US) (9.910 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	216
Package 3 Height	17.717 in (45.000 cm)

Package 3 Width	31.496 in (80.000 cm)
Package 3 Length	47.244 in (120.000 cm)
Package 3 Weight	174.783 lb(US) (79.280 kg)

Contractual warranty

Warranty (in months)	18
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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	63 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	58 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.

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	93d5f95e-203e-4b60-8a26-236a123bd123
REACH Regulation	REACH Declaration
Halogen content performance	Product contains halogen above thresholds

Use Longer



Lifetime extension

Repair	No
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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.