Product data sheet
Characteristics

M9R14463
Residual current circuit breaker (RCCB), Multi9 ID, 4P, 63A, AC type, 300mA



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
[In] rated current	63 A
Network type	AC
Earth-leakage sensitivity	300 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	380...415 V AC 50 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	Idm 630 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	8
Height	81 Mm
Width	72 Mm
Depth	73 Mm
Net weight	0.45 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	7.700 Cm
Package 1 Width	8.400 Cm
Package 1 Length	9.200 Cm
Package 1 Weight	343.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	9.748 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	216
Package 3 Height	45.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	77.984 Kg

Offer Sustainability

Recyclability potential, in %	59
Total lifecycle Carbon footprint	62 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	4.01350599431552
Carbon footprint of the manufacturing phase [A1 to A3]	4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0551019338615632
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0246836036341728
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	56.5493055555555
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	57 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	1.02825774761873
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.

Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	62
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	2c7837a4-39fc-4abc-96ed-2ef14f8f87c7
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and Nickel (Metallic), wh
OECD PFAS Regulation	Item contains PFAS Chemicals
POP Directive	No POPs
Halogen-free status	Product contains halogen above thresholds
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 a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised