Product datasheet

Specification





Residual current circuit breaker (RCCB), Resi9, 4P, 40A, AC type, 30mA

R9R51440

Main

Range	Resi9	
Product or component type	Residual current circuit breaker (RCCB)	
poles description	4P	
[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	
Rated breaking and making capacity	Im 500 A conforming to EN/IEC 61008	
Rated conditional short-circuit current	Inc 6 kA	
Quality labels	EAC UA TR	

Complementary

Network frequency	50/60 Hz	
[Ue] rated operational voltage	400 V AC 50/60 Hz	
Residual current tripping technology	Voltage independent	
[Ui] rated insulation voltage	440 V	
[Uimp] rated impulse withstand voltage	4 kV	
Surge current	250 A	
Control type	Toggle	
local signalling	ON/OFF indication	
mounting mode	Clip-on	
Mounting support	DIN rail	
9 mm pitches	8	
Height	81 mm	
Width	72 mm	
Depth	73 mm	
Net weight	370 g	
Embedding depth	44 mm	
Colour	White	

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

Mechanical durability	20000 cycles	
Electrical durability	10000 cycles	
Connections - terminals	Tunnel type terminals (top or bottom) - 135 mm² - rigid Tunnel type terminals (top or bottom) - 125 mm² - flexible Tunnel type terminals (top or bottom) - 125 mm² - flexible with ferrule	
Wire stripping length	15 mm for top or bottom connection	
Tightening torque	3.5 N.m top or bottom	

Environment

Standards	EN/IEC 61008-1 EN/IEC 61008-2-1
IP degree of protection	IP20
Pollution degree	2
Overvoltage category	III
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-540 °C
ambient air temperature for storage	-4080 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.6 cm
Package 1 Width	8.5 cm
Package 1 Length	9.2 cm
Package 1 Weight	347.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.861 kg



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

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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