

Product data sheet

Characteristics

R9R06240

Residual current circuit breaker (RCCB), Resi9,
2P, 40A, A type, 30mA



Main

Range	Resi9
Product or component type	Residual current circuit breaker (RCCB)
Poles description	2P
[In] rated current	40 A conforming to AS/NZS 61008.1
Network type	AC
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Rated breaking and making capacity	Im 500 A at 400 V AC 50 Hz conforming to AS/NZS 61008.1
Rated conditional short-circuit current	Resi9 MCB: Inc 6 kA 40 A
Quality labels	RCM

Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	400 V
[Ui] rated insulation voltage	440 V AC 50 Hz conforming to AS/NZS 61008.1
[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	4
Height	85 mm
Width	36 mm
Depth	75 mm
Net weight	210 g
Colour	White (RAL 9003)
Mechanical durability	10000 cycles
Electrical durability	4000 cycles AC 50 Hz
Connections - terminals	Tunnel type terminals (top or bottom)
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom

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Environment

Standards	IEC 61008-2-1 EN/IEC 61008-1
IP degree of protection	IP20
Pollution degree	2
Overvoltage category	III
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8 cm
Package 1 Width	9 cm
Package 1 Length	4 cm
Package 1 Weight	0.214 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9 cm
Package 2 Width	25.4 cm
Package 2 Length	10.6 cm
Package 2 Weight	1.386 kg
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	11.79 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information