

Product datasheet

Specifications



Resi9 - RCCB - 2P - 100 A - AC type - 230 V - 30 mA

Local distributor code: 397848894 R9R81291

Discontinued on: 01 February 2022

R9R81291 has not been replaced. Please contact your customer care centre for more information.

Discontinued

Main

Range	Resi9
Product name	Resi9 RCCB
Product or component type	Residual current circuit breaker (RCCB)
Poles description	2P
Neutral position	Left
[In] rated current	100 A
Network type	AC
Earth-leakage sensitivity	30 mA conforming to BS EN 61008-1
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Rated breaking and making capacity	Im 500 A conforming to BS EN 61008-1
Rated conditional short-circuit current	6 kA
Quality labels	CE

Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz
[Ui] rated insulation voltage	440 V
[Uimp] rated impulse withstand voltage	4 kV
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Plug-in
Mounting support	Socket
Comb busbar and distribution block compatibility	Top: KQ
9 mm pitches	4

Height	96 mm
Width	36 mm
Depth	78 mm
Net weight	0.25 kg
Embedding depth	75 mm
Colour	White
Mechanical durability	5000 cycles
Electrical durability	2000 cycles conforming to BS EN 61008-1
Locking options description	Padlocking in OFF position
Connections - terminals	Tunnel type terminals (bottom) - <= 1 x 35 mm² - rigid Tunnel type terminals (bottom) - <= 1 x 25 mm² - flexible with ferrule
Wire stripping length	14 mm for bottom connection
Tightening torque	3.5 N.m bottom

Environment

Standards	BS EN 61008-1
Product certifications	CE
IP degree of protection	IP20 conforming to BS EN 60529
Pollution degree	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-40...80 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	255.0 g
Package 1 Height	4 cm
Package 1 width	9 cm
Package 1 Length	10.5 cm
Unit Type of Package 2	P06
Number of Units in Package 2	384
Package 2 Weight	110.8 kg
Package 2 Height	75 cm
Package 2 width	80 cm
Package 2 Length	60 cm
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Weight	12.6 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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
Halogen content performance	Halogen free plastic parts product

Contractual warranty

Warranty	18 months
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