

Product datasheet

Specifications



Resi9 - RCBO - 1P + N - 20 A - B Curve - A type - 30 mA - 6000 A

Local distributor code: 397837928 R9D87820

❗ Discontinued on: 03 May 2022

R9D87820 has not been replaced. Please contact your customer care centre for more information.

❗ Discontinued

Main

Range	Resi9
Product name	Resi9 RCBO
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device application	Distribution
Poles description	1P + N
Neutral position	Left
Number of protected poles	1
[In] rated current	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Earth-leakage sensitivity	30 mA conforming to BS EN 61009-1
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	6000 A Icn at 230 V AC 50 Hz conforming to BS EN 61009-1

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	3...5 x In
Residual current tripping technology	Voltage dependent functional earth
Limitation class	3 conforming to BS EN 61009-1
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	2
Height	123 mm
Width	18 mm
Depth	78 mm
Net weight	0.3 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles 230 V AC 50 Hz conforming to BS EN 61009-1
Provision for padlocking	Yes
Connections - terminals	Tunnel type terminals (bottom) - <= 1 x 25 mm² - rigid Tunnel type terminals (bottom) - <= 1 x 16 mm² - flexible with ferrule
Wire stripping length	14 mm for bottom connection
Tightening torque	2 N.m bottom
Earth-leakage protection	Integrated

Environment

Standards	BS EN 61009-1
Product certifications	CE
IP degree of protection	IP20 conforming to BS EN 60529
Tropicalisation	2 conforming to IEC 60068-1
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	236.0 g
Package 1 Height	2.5 cm
Package 1 width	11 cm
Package 1 Length	14 cm
Unit Type of Package 2	S02
Number of Units in Package 2	34
Package 2 Weight	8.52 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	544
Package 3 Weight	146.32 kg
Package 3 Height	75 cm

Package 3 width	80 cm
Package 3 Length	60 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
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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