



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	32 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Earth-leakage sensitivity	30 mA
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 EN/IEC 61009-2-1
Quality labels	VDE

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V
Magnetic tripping limit	3...5 x In
[Ui] rated insulation voltage	400 V
Surge current	250 A
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Plug-in
Mounting support	DIN rail
9 mm pitches	4
Height	82 mm
Width	36 mm
Depth	70.5 mm
Net weight	186 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	7500 cycles
Provision for padlocking	Yes
Connections - terminals	Tunnel type terminals (top or bottom) - 1...16 mm ² - rigid Tunnel type terminals (top or bottom) - 1...10 mm ² - flexible Tunnel type terminals (top or bottom) - 1...10 mm ² - flexible with ferrule
Wire stripping length	13 mm for top or bottom connection
Tightening torque	2 N.m
Earth-leakage protection	Integrated

Environment

Standards	EN/IEC 61009-1 EN/IEC 61009-2-1
IP degree of protection	IP20
Overvoltage category	III
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...60 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.000 cm
Package 1 Width	7.200 cm
Package 1 Length	9.900 cm
Package 1 Weight	210.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9.200 cm
Package 2 Width	10.800 cm
Package 2 Length	25.500 cm
Package 2 Weight	1.386 kg
Unit Type of Package 3	S03
Number of Units in Package 3	60
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	13.041 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
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