

# R9D32210

Residual current breaker with overcurrent protection (RCBO), Resi9, 1P+N, 10A, C curve, 4500A, A type, 30mA



## 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	10 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA conforming to EN/IEC 61009-2-1
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	4500 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
Quality labels	CEBEC

## Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Bottom: biconnect
Connection pitch	9 mm between phase and neutral
9 mm pitches	4
Height	74 mm
Width	36 mm
Depth	90 mm
Net weight	0.19 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Tunnel type terminals (top or bottom) - <= 10 mm <sup>2</sup> - flexible Tunnel type terminals (top or bottom) - <= 16 mm <sup>2</sup> - rigid
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

## Environment

Standards	EN/IEC 61009-2-1
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 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	-30...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	3.6 cm
Package 1 Length	7.4 cm
Package 1 Weight	190.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	60
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	11.887 kg

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
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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