

# R9D06610

Residual current breaker with overcurrent protection (RCBO), Resi9, 1P+N, 10A, C curve, 6000A, A type, 30mA, 18mm wide



## Main

Range	Resi9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Poles description	1P + N
Number of protected poles	1
[In] rated current	10 A at 30 °C conforming to AS/NZS 61009.1
Network type	AC
Curve code	C
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 50/60 Hz
Quality labels	RCM

## Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC 50/60 Hz
Limitation class	3
[Ui] rated insulation voltage	440 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV
Comb busbar and distribution block compatibility	YES
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	73 mm
Net weight	136 g
Grid distance	45 mm
Connections - terminals	Tunnel type terminal (top) - 1...16 mm <sup>2</sup> - rigid Tunnel type terminal (top) - 1...10 mm <sup>2</sup> - flexible Tunnel type terminal (bottom) - 1...10 mm <sup>2</sup> - rigid Tunnel type terminal (bottom) - 1...6 mm <sup>2</sup> - flexible
Temperature derating table	-25 °C ( 12.1 A ) -20 °C ( 12.1 A ) -15 °C ( 11.8 A ) -10 °C ( 11.6 A ) -5 °C ( 11.4 A ) 0 °C ( 11.2 A ) 5 °C ( 11.02 A ) 10 °C ( 10.8 A ) 15 °C ( 10.6 A ) 20 °C ( 10.4 A ) 25 °C ( 10.2 A ) 30 °C ( 10 A ) 35 °C ( 9.8 A ) 40 °C ( 9.6 A ) 45 °C ( 9.3 A ) 50 °C ( 9.1 A ) 55 °C ( 8.9 A ) 60 °C ( 8.6 A ) 65 °C ( 8.4 A ) 70 °C ( 8.1 A )

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## Environment

Standards	IEC 61009-2-2 EN/IEC 61009-1 AS/NZS 61009.1
IP degree of protection	IP20
Pollution degree	2
Overvoltage category	III
Ambient air temperature for operation	-25...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.58 cm
Package 1 Width	1.8 cm
Package 1 Length	9.6 cm
Package 1 Weight	0.15 kg

## Offer Sustainability

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