

R9D08610

Residual current breaker with overcurrent protection (RCBO), Resi9, 1P+N, 10A, C curve, 6000A, A type, 30mA, 36mm 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

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|--|---|
| 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 | 4 |
| Height | 91 mm |
| Width | 36 mm |
| Depth | 75 mm |
| Net weight | 268 g |
| Grid distance | 45 mm |
| Connections - terminals | Tunnel type terminal - 1...16 mm ² - rigid Tunnel type terminal - 1...10 mm ² - 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

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|---------------------------------------|---|
| 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

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.5 cm |
| Package 1 Width | 3.6 cm |
| Package 1 Length | 9.08 cm |
| Package 1 Weight | 0.21 kg |
| Unit Type of Package 2 | CAR |
| Number of Units in Package 2 | 40 |
| Package 2 Height | 20 cm |
| Package 2 Width | 29.9 cm |
| Package 2 Length | 39.8 cm |
| Package 2 Weight | 8.4 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 480 |
| Package 3 Height | 75 cm |
| Package 3 Width | 60 cm |
| Package 3 Length | 80 cm |
| Package 3 Weight | 106.8 kg |

Offer Sustainability

| | |
|-------------------|---|
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Under investigation |