

## Product data sheet

### Characteristics

# MX9R1110

Clipsal MAX9, Residual Current Breaker with Overcurrent Protection (RCBO), 1PN, 10A, 10mA, C Curve, 6000A, A Type, SLIM



### Main

|                                |   |
|--------------------------------|---|
| Range                          | MAX9  |
| 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  |
| Network frequency              | 50/60 Hz  |
| [Ue] rated operational voltage | 240 V AC 50/60 Hz   |
| Curve code                     | C   |
| Earth-leakage sensitivity      | 10 mA   |
| Earth-leakage protection class | Type A  |

### Complementary

|  |   |
|--|---|
| Earth-leakage protection time delay              | Instantaneous   |
| Breaking capacity                                | 6000 A Icn at 240 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  |
| 9 mm pitches                                     | 2   |
| Height   | 93 mm   |
| Width  | 18 mm   |
| Depth  | 73 mm   |
| Net weight                                       | 136 g   |
| Connections - terminals                          | Tunnel type terminal (top) - 1...16 mm <sup>2</sup> - rigid<br>Tunnel type terminal (top) - 1...10 mm <sup>2</sup> - flexible<br>Tunnel type terminal (bottom) - 1...10 mm <sup>2</sup> - rigid<br>Tunnel type terminal (bottom) - 1...6 mm <sup>2</sup> - flexible |
| Comb busbar and distribution block compatibility | YES   |

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|                            |   |
|----------------------------|---|
| Temperature derating table | -25 °C ( 12.1 A )<br>-20 °C ( 12.1 A )<br>-15 °C ( 11.8 A )<br>-10 °C ( 11.6 A )<br>-5 °C ( 11.4 A )<br>0 °C ( 11.2 A )<br>5 °C ( 11.02 A )<br>10 °C ( 10.8 A )<br>15 °C ( 10.6 A )<br>20 °C ( 10.4 A )<br>25 °C ( 10.2 A )<br>30 °C ( 10 A )<br>35 °C ( 9.8 A )<br>40 °C ( 9.6 A )<br>45 °C ( 9.3 A )<br>50 °C ( 9.1 A )<br>55 °C ( 8.9 A )<br>60 °C ( 8.6 A )<br>65 °C ( 8.4 A )<br>70 °C ( 8.1 A ) |
| Grid distance              | 45 mm   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | IEC 61009-2-2<br>EN/IEC 61009-1<br>AS/NZS 61009.1 |
| Quality labels                        | RCM   |
| 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             | 7 cm   |
| Package 1 Width              | 9.8 cm |
| Package 1 Length             | 2 cm   |
| Package 1 Weight             | 140 g  |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product                         |
| REACH Regulation           | <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant with Exemptions                     |
| Mercury free               | Yes   |
| Sustainable packaging      | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information | <a href="#">Yes</a>                           |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a> |
| Circularity Profile        | No need of specific recycling operations      |

## Contractual warranty

|          |        |
|----------|--------|
| Warranty | 7-year |
|----------|--------|