



## Main

|                           |  |
|---------------------------|--|
| Range                     | Easy9  |
| Device application        | Distribution   |
| Product or component type | Miniature circuit-breaker                                |
| Device short name         | Easy9 MCB  |
| Poles                     | 1P   |
| Number of protected poles | 1  |
| [In] rated current        | 10 A   |
| Network type              | AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | C  |
| Breaking capacity         | 3 kA Icu at 230 V AC 50/60 Hz conforming to SANS 60947-2 |
| Utilisation category      | Category A   |
| Suitability for isolation | Yes conforming to SANS 60947-2                           |

## Complementary

|  |  |
|--|--|
| Network frequency                      | 50/60 Hz   |
| [Ue] rated operational voltage         | 230 V AC 50/60 Hz  |
| Magnetic tripping limit                | 8.5 x In +/- 20 %  |
| [Ics] rated service breaking capacity  | 3 kA 100 % x Icu at 230 V AC 50/60 Hz conforming to SANS 60947-2 |
| Limitation class                       | 3 conforming to SANS 60947-2                                     |
| [Ui] rated insulation voltage          | 500 V AC 50/60 Hz conforming to SANS 60947-2                     |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to SANS 60947-2                                  |
| Contact position indicator             | Yes  |
| Control type                           | Toggle   |
| Local signalling                       | Without  |
| Mounting mode                          | Clip-on  |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                         |   |
|-------------------------|---|
| Mounting support        | DIN rail  |
| 9 mm pitches            | 2   |
| Height                  | 81 mm   |
| Width                   | 18 mm   |
| Depth                   | 66.5 mm   |
| Net weight              | 0.105 kg  |
| Colour                  | Grey (RAL 7035)   |
| Mechanical durability   | 10000 cycles  |
| Electrical durability   | 4000 cycles   |
| Connections - terminals | Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> rigid<br>Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> flexible |
| Tightening torque       | 2 N.m top or bottom   |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | SANS 60947-2                 |
| Product certifications                | CE                           |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Pollution degree                      | 2                            |
| Relative humidity                     | 95 % at -5...60 °C           |
| Ambient air temperature for operation | -5...60 °C                   |
| Ambient air temperature for storage   | -40...85 °C                  |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|