



## Main

|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| Range                     | Easy9                                                    |
| Device application        | Distribution                                             |
| Product or component type | Miniature circuit-breaker                                |
| Device short name         | Easy9 MCB                                                |
| Poles                     | 3P                                                       |
| Number of protected poles | 3                                                        |
| [In] rated current        | 50 A                                                     |
| Network type              | AC                                                       |
| Trip unit technology      | Thermal-magnetic                                         |
| Curve code                | C                                                        |
| Breaking capacity         | 3 kA Icu at 400 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         | 400 V AC 50/60 Hz                                                |
| Magnetic tripping limit                | 8.5 x In +/- 20 %                                                |
| [Ics] rated service breaking capacity  | 3 kA 100 % x Icu at 400 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                                                          |

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| Mounting support        | DIN rail                                                                                                          |
| 9 mm pitches            | 6                                                                                                                 |
| Height                  | 81 mm                                                                                                             |
| Width                   | 54 mm                                                                                                             |
| Depth                   | 66.5 mm                                                                                                           |
| Net weight              | 0.3 kg                                                                                                            |
| Colour                  | Grey (RAL 7035)                                                                                                   |
| Mechanical durability   | 10000 cycles                                                                                                      |
| Electrical durability   | 4000 cycles                                                                                                       |
| Connections - terminals | Tunnel type terminal (top or bottom) 1...35 mm² rigid<br>Tunnel type terminal (top or bottom) 1...35 mm² flexible |
| Tightening torque       | 3.5 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                  |

## Packing Units

|                  |           |
|------------------|-----------|
| Package 1 Weight | 358.000 g |
| Package 1 Height | 75.000 mm |
| Package 1 width  | 51.000 mm |
| Package 1 Length | 85.000 mm |

## 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 |
|----------|-----------|