



## Main

|                           |   |
|---------------------------|---|
| Range                     | Easy9   |
| Device application        | Distribution  |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | Easy9 MCB   |
| Poles                     | 2P  |
| Number of protected poles | 2   |
| [In] rated current        | 40 A  |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | C   |
| Breaking capacity         | 10000 A Icn at 220 V AC 50/60 Hz conforming to IEC 60898-1<br>6000 A Icn at 400 V AC 50/60 Hz conforming to IEC 60898-1 |
| Suitability for isolation | Yes conforming to IEC 60898-1   |

## Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| [Ue] rated operational voltage         | 220 V AC 50/60 Hz<br>400 V AC 50/60 Hz  |
| Magnetic tripping limit                | 5...10 x In   |
| [Ics] rated service breaking capacity  | 6 kA 100 % x Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1   |
| [Ui] rated insulation voltage          | 500 V AC 50/60 Hz conforming to IEC 60898-1   |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60898-1  |
| Contact position indicator             | Yes   |
| Control type                           | Toggle  |
| Local signalling                       | Without   |
| Mounting mode                          | Clip-on   |
| Mounting support                       | DIN rail  |
| 9 mm pitches                           | 4   |
| Height                                 | 81 mm   |
| Width                                  | 36 mm   |
| Depth                                  | 66.5 mm   |
| 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> flexible<br>Tunnel type terminal (top or bottom) 1...35 mm <sup>2</sup> rigid |
| Tightening torque                      | 3.5 N.m top or bottom   |
| Earth-leakage protection               | Without   |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60898-1                  |
| Product certifications                | CE                           |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Pollution degree                      | 2                            |
| Tropicalisation                       | 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

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 7.6 cm   |
| Package 1 Width              | 3.6 cm   |
| Package 1 Length             | 8.5 cm   |
| Package 1 Weight             | 240 g    |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 6        |
| Package 2 Height             | 7.6 cm   |
| Package 2 Width              | 8.8 cm   |
| Package 2 Length             | 22.6 cm  |
| Package 2 Weight             | 1.504 kg |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 72       |
| Package 3 Height             | 30 cm    |
| Package 3 Width              | 30 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 17.28 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>   |
| 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>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |