



## 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        | 16 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  |

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

|                          |   |
|--------------------------|---|
| 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> rigid<br>Tunnel type terminal (top or bottom) 1...16 mm <sup>2</sup> flexible |
| Tightening torque        | 2 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 |
| Unit Type of Package 2 | BB1 |
| Unit Type of Package 3 | S03 |

## 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 |