

# Product data sheet

Specifications



## Miniature circuit breaker (MCB), Easy9, 1P, 4A, C curve, 3000A (IEC/EN 60898-1)

EZ9F43104

### 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        | 4 A                                                                                                                    |
| Network type              | AC                                                                                                                     |
| Trip unit technology      | Thermal-magnetic                                                                                                       |
| Curve code                | C                                                                                                                      |
| Breaking capacity         | 3000 A Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1<br>5000 A Icn at 127 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         | 230 V AC 50/60 Hz                                               |
| Magnetic tripping limit                | 5...10 x In                                                     |
| [Ics] rated service breaking capacity  | 3 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                           | 2                                                               |
| Height                                 | 81 mm                                                           |

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| Width                   | 18 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 mm² rigid<br>Tunnel type terminal (top or bottom) 1...16 mm² flexible |
| Tightening torque       | 2 N.m top or bottom                                                                                               |

## 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 -25...60 °C          |
| Ambient air temperature for operation | -25...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             | 7.4 cm   |
| Package 1 Width              | 1.8 cm   |
| Package 1 Length             | 8.5 cm   |
| Package 1 Weight             | 120 g    |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 12       |
| Package 2 Height             | 8 cm     |
| Package 2 Width              | 8.8 cm   |
| Package 2 Length             | 22.8 cm  |
| Package 2 Weight             | 1.94 kg  |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 144      |
| 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<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>                                                                         |

Recommended replacement(s)