

# Product datasheet

Specifications



## Miniature circuit breaker (MCB), Easy9, 4P, 20A, C curve, 6000A (IEC/EN 60898-1)

EZ9F56420

### Main

|                           |   |
|---------------------------|---|
| Range                     | Easy9   |
| Device Application        | Distribution  |
| Product Or Component Type | Miniature circuit-breaker   |
| Device Short Name         | Easy9 MCB   |
| Poles                     | 4P  |
| Number Of Protected Poles | 4   |
| [In] Rated Current        | 20 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 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 400 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                           | 8   |
| Height                                 | 81 mm   |
| Width                                  | 72 mm   |
| Depth                                  | 66.5 mm   |
| Colour                                 | Grey (RAL 7035)   |

|                                |   |
|--------------------------------|---|
| <b>Mechanical Durability</b>   | 10000 cycles  |
| <b>Electrical Durability</b>   | 4000 cycles   |
| <b>Connections - Terminals</b> | 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 |
| <b>Tightening Torque</b>       | 2 N.m top or bottom   |

## Environment

|  |                              |
|--|------------------------------|
| <b>Standards</b>                             | IEC 60898-1                  |
| <b>Product Certifications</b>                | CE<br>VDE                    |
| <b>Ip Degree Of Protection</b>               | IP20 conforming to IEC 60529 |
| <b>Pollution Degree</b>                      | 2                            |
| <b>Tropicalisation</b>                       | 2                            |
| <b>Relative Humidity</b>                     | 95 % at -5...60 °C           |
| <b>Ambient Air Temperature For Operation</b> | -5...60 °C                   |
| <b>Ambient Air Temperature For Storage</b>   | -40...85 °C                  |

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type Of Package 1</b>       | PCE      |
| <b>Number Of Units In Package 1</b> | 1        |
| <b>Package 1 Height</b>             | 7.48 cm  |
| <b>Package 1 Width</b>              | 7.081 cm |
| <b>Package 1 Length</b>             | 8.512 cm |
| <b>Package 1 Weight</b>             | 440 g    |
| <b>Unit Type Of Package 2</b>       | BB1      |
| <b>Number Of Units In Package 2</b> | 3        |
| <b>Package 2 Height</b>             | 8.5 cm   |
| <b>Package 2 Width</b>              | 9 cm     |
| <b>Package 2 Length</b>             | 22 cm    |
| <b>Package 2 Weight</b>             | 1336 g   |

## Sustainability

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

**Environmental Disclosure** [Product Environmental Profile](#)

**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins