# Product datasheet

Specifications

Green Premium™



## Easy9 miniature circuit breaker- 3P - 16 A - C curve - 4500 A - 400 V

EZ9F34316

## 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** | 16 A |
| **Network Type** | AC |
| **Trip Unit Technology** | Thermal-magnetic |
| **Curve Code** | C |
| **Breaking Capacity** | 4500 A Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1<br>4500 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** | 400 V AC 50 Hz |
| **Magnetic Tripping Limit** | 5...10 x In |
| **[Ics] Rated Service Breaking Capacity** | 4.5 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** | 6 |
| **Height** | 81 mm |
| **Width** | 54 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 | GOST-R |
| 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 | 7.7 cm |
| Package 1 Width | 5.5 cm |
| Package 1 Length | 8.7 cm |
| Package 1 Weight | 288 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 4 |
| Package 2 Height | 8.4 cm |
| Package 2 Width | 8.8 cm |
| Package 2 Length | 22.5 cm |
| Package 2 Weight | 1.201 kg |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 48 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 14.927 kg |

# Sustainability

**Green Premium<sup>TM</sup> 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-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ⟩

Guide to assess a product's sustainability ⟩

Transparency     RoHS/REACh

## Well-being performance

✅ Rohs Exemption Information          Yes

✅ Halogen Free Product

## 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

**Circularity Profile**           No need of specific recycling operations