# Product datasheet

Specifications

## Easy9 miniature circuit breaker- 4P - 10 A - C curve - 6000 A - 400 V

EZ9F56410

## 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** | 10 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) |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

| | |
|---|---|
| **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

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|---|---|
| **Standards** | IEC 60898-1 |
| **Product Certifications** | CE<br>VDE |
| **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

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|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 7.5 cm |
| **Package 1 Width** | 7.1 cm |
| **Package 1 Length** | 8.5 cm |
| **Package 1 Weight** | 424 g |
| **Unit Type Of Package 2** | BB2 |
| **Number Of Units In Package 2** | 3 |
| **Package 2 Height** | 8.5 cm |
| **Package 2 Width** | 9 cm |
| **Package 2 Length** | 22 cm |
| **Package 2 Weight** | 1.5 kg |

## 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-$CO_2$ 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

Mercury Free

| | |
|---|---|
| Rohs Exemption Information | Yes |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>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 |