# Product datasheet

Specifications



## Easy9 miniature circuit breaker- 1P - 63 A - C curve - 6000 A - 230 V

EZ9F56163

## 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** | 63 A |
| **Network type** | AC |
| **Trip unit technology** | Thermal-magnetic |
| **Curve code** | C |
| **Breaking capacity** | 6000 A Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1<br>10000 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 Hz<br>127 V AC 50 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 |
| **9 mm pitches** | 2 |
| **Height** | 81 mm |
| **Width** | 18 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 flexible<br>Tunnel type terminal (top or bottom) 1…35 mm² rigid |
| **Tightening torque** | 3.5 N.m top or bottom |
| **Earth-leakage protection** | Without |

## Environment

| | |
|---|---|
| **Standards** | IEC 60898-1 |
| **Product certifications** | VDE<br>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 |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 7.500 cm |
| **Package 1 Width** | 1.800 cm |
| **Package 1 Length** | 8.500 cm |
| **Package 1 Weight** | 122.000 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 12 |
| **Package 2 Height** | 8.300 cm |
| **Package 2 Width** | 9.200 cm |
| **Package 2 Length** | 23.000 cm |
| **Package 2 Weight** | 1.525 kg |
| **Unit Type of Package 3** | S03 |
| **Number of Units in Package 3** | 144 |
| **Package 3 Height** | 30.000 cm |
| **Package 3 Width** | 30.000 cm |
| **Package 3 Length** | 40.000 cm |
| **Package 3 Weight** | 18.946 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **1 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.7 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **0.4 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.3 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **0dbcf8b1-4732-4e36-88bc-462a078c2d4c** |
| EU RoHS Directive | **Compliant** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| Halogen-free status | **Product contains halogen above thresholds** |
| PVC free | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **59** |
| End of life manual availability | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |