# Product data sheet
## Characteristics

# EZ9F34225
Miniature circuit breaker (MCB), Easy9, 2P, 25A, C curve, 4500A (IEC/EN 60898-1)

Green Premium™ Product



## Main

| | |
|---|---|
| Range | Easy9 |
| Device application | Distribution |
| Product or component type | Miniature circuit-breaker |
| Device short name | Easy9 MCB |
| Poles description | 2P |
| Number of protected poles | 2 |
| [In] rated current | 25 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 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 | 4 |
| Height | 81 Mm |
| Width | 36 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 | 3.6 Cm |
| Package 1 Length | 8.6 Cm |
| Package 1 Weight | 198 G |
| Unit Type of Package 2 | PAL |
| Number of Units in Package 2 | 576 |
| Package 2 Height | 75 Cm |
| Package 2 Width | 60 Cm |
| Package 2 Length | 80 Cm |
| Package 2 Weight | 153.016 Kg |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Sustainable packaging | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Halogen content performance | Halogen free product |

Product Life Status :     Commercialised