

Product datasheet

Specifications



Miniature circuit breaker. Easy9. 4P. 25 A. C curve. 3 kA

EZ9F53425

⚠ Discontinued on: 30 Jun 2023

⚠ Discontinued

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 | 25 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 3 kA Icu at 400 V AC 50/60 Hz conforming to SANS 60947-2 |
| Utilisation category | Category A |
| Suitability for isolation | Yes conforming to SANS 60947-2 |

Complementary

| | |
|--|--|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 400 V AC 50/60 Hz |
| Magnetic tripping limit | 8.5 x In +/- 20 % |
| [Ics] rated service breaking capacity | 3 kA 100 % x Icu at 400 V AC 50/60 Hz conforming to SANS 60947-2 |
| Limitation class | 3 conforming to SANS 60947-2 |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz conforming to SANS 60947-2 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to SANS 60947-2 |
| 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 |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

| | |
|--------------------------------|---|
| Depth | 66.5 mm |
| Net weight | 0.4 kg |
| Colour | Grey (RAL 7035) |
| Mechanical durability | 10000 cycles |
| Electrical durability | 4000 cycles |
| Connections - terminals | Tunnel type terminal (top or bottom) 1...25 mm ² rigid Tunnel type terminal (top or bottom) 1...25 mm ² flexible |
| Tightening torque | 2 N.m top or bottom |

Environment

| | |
|--|------------------------------|
| Standards | SANS 60947-2 |
| Product certifications | CE |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Pollution degree | 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 | 7.5 cm |
| Package 1 Width | 7.1 cm |
| Package 1 Length | 8.5 cm |
| Package 1 Weight | 434 g |

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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better



Materials and Substances

[EU RoHS Directive](#)

Compliant with Exemptions

SCIP Number

0dbcf8b1-4732-4e36-88bc-462a078c2d4c

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

No need of specific recycling operations