

# Product datasheet

Specifications



## Miniature circuit breaker, Easy9, 2P, 50 A, C curve, 3 kA

EZ9F53250

### Main

Range	Easy9
Device application	Distribution
Product or component type	Miniature circuit-breaker
Device short name	Easy9 MCB
Poles	2P
Number of protected poles	2
[In] rated current	50 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

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

9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Net weight	0.2 kg
Colour	Grey (RAL 7035)
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal (top or bottom) 1...35 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 1...35 mm <sup>2</sup> flexible
Tightening torque	3.5 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	7.6 cm
Package 1 Width	3.6 cm
Package 1 Length	8.5 cm
Package 1 Weight	242.0 g

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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**Recommended replacement(s)**