

# Product datasheet

Specifications



## Miniature circuit breaker. Easy9. 4P. 50 A. C curve. 3 kA

EZ9F53450

⚠ Discontinued on: 30 Jun 2023

**Price: 243.67 ZAR**

⚠ 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	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
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"

<b>Depth</b>	66.5 mm
<b>Net weight</b>	0.4 kg
<b>Colour</b>	Grey (RAL 7035)
<b>Mechanical durability</b>	10000 cycles
<b>Electrical durability</b>	4000 cycles
<b>Connections - terminals</b>	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
<b>Tightening torque</b>	3.5 N.m top or bottom

## Environment

<b>Standards</b>	SANS 60947-2
<b>Product certifications</b>	CE
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Pollution degree</b>	2
<b>Relative humidity</b>	95 % at -5...60 °C
<b>Ambient air temperature for operation</b>	-5...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.5 cm
<b>Package 1 Width</b>	7.1 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	492 g

## Contractual warranty

<b>Warranty (in months)</b>	18
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## 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	92 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	87 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.

## Use Better



### Materials and Substances

<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
SCIP Number	0dbcf8b1-4732-4e36-88bc-462a078c2d4c

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

End of life manual availability	No need of specific recycling operations
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