

# Product datasheet

Specifications



## Miniature circuit breaker. Easy9. 1P. 16 A. C curve. 3 kA

EZ9F53116

**Price: 61.03 ZAR**

### 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	16 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	3 kA Icu at 230 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	230 V AC 50/60 Hz
Magnetic Tripping Limit	8.5 x In +/- 20 %
[Ics] Rated Service Breaking Capacity	3 kA 100 % x Icu at 230 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	2
Height	81 mm
Width	18 mm
Depth	66.5 mm

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

<b>Net Weight</b>	0.105 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...25 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> flexible
<b>Tightening Torque</b>	2 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>	7.4 cm
<b>Package 1 Width</b>	1.8 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	104.0 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	8 cm
<b>Package 2 Width</b>	8.8 cm
<b>Package 2 Length</b>	22.8 cm
<b>Package 2 Weight</b>	1584 g
<b>Unit Type Of Package 3</b>	S03
<b>Number Of Units In Package 3</b>	144
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	14.976 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Sustainable Packaging Transparency RoHS/REACH

## Resource performance

 Sustainable Packaging

## Well-being performance

 Mercury Free

 Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

**Eu Rohs Directive** Compliant with Exemptions

**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

**Environmental Disclosure** [Product Environmental Profile](#)

**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

**Circularity Profile** No need of specific recycling operations