Product datasheet

Specifications

Green Premium™

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

EZ9F53250

Price: 149.09 ZAR

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
9 Mm Pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 mm² rigid Tunnel type terminal (top or bottom) 1…35 mm² 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

Contractual warranty

Warranty	18 months

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_2 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