

Product datasheet

Specifications



Miniature circuit breaker, Easy9, 1P, 20 A, C curve, 3 kA

EZ9F53120

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	20 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

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

9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	66.5 mm
Product weight	0.105 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	7.4 cm
Package 1 Width	1.8 cm
Package 1 Length	8.5 cm
Package 1 Weight	108.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8 cm
Package 2 Width	8.8 cm
Package 2 Length	22.8 cm
Package 2 Weight	1584 g
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	15.552 kg

Offer Sustainability

Sustainable offer status	Green Premium product
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REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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

Contractual warranty

Warranty	18 months
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Recommended replacement(s)