

Product datasheet

Specifications



Miniature circuit breaker (MCB), Easy9, 4P, 20A, C curve, 3kA (SANS 60947-2)

EZ9F53420

⚠ Discontinued on: Apr 13, 2023

⚠ 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	20 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

Depth	66.5 mm
Product weight	0.4 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	7.5 cm
Package 1 Width	7.1 cm
Package 1 Length	8.5 cm
Package 1 Weight	440.0 g

Contractual warranty

Warranty (in months)	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

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

SCIP Number

0dbcf8b1-4732-4e36-88bc-462a078c2d4c

EU RoHS Directive

[Compliant By Exemption](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

No need of specific recycling operations