Product datasheet

Specifications

Miniature circuit breaker (MCB), Easy9, 3P, 16A, C curve, 3000A (IEC/EN 60898-1)

EZ9F33316

⊘ Discontinued on: Dec 31, 2024

⊘ To be discontinued

Main

Range	Easy9
Device application	Distribution
Product or component type	Miniature circuit-breaker
Device short name	Easy9 MCB
Poles	3P
Number of protected poles	3
[In] rated current	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	3000 A Icn at 400 V AC 50/60 Hz conforming to IEC 60898-1 5000 A Icn at 220 V AC 50/60 Hz conforming to IEC 60898-1
Suitability for isolation	Yes conforming to IEC 60898-1

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz 220 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	3 kA 100 % x Icn at 400 V AC 50/60 Hz conforming to IEC 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60898-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60898-1
Contact position indicator	Yes
control type	Toggle
Local signalling	Without
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	81 mm
Width	53.1 mm
Depth	73.6 mm

Colour	Grey (RAL 7035)
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal (top or bottom) 1…25 mm² rigid Tunnel type terminal (top or bottom) 1…16 mm² flexible
Tightening torque	2 N.m top or bottom

Environment

Standards	IEC 60898-1
Product certifications	INMETRO
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	2
Tropicalisation	2
Relative humidity	95 % at -25…60 °C
Ambient air temperature for operation	-25…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	7.57 cm
Package 1 Width	5.39 cm
Package 1 Length	8.52 cm
Package 1 Weight	0.318 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.22 cm
Package 2 Width	8.86 cm
Package 2 Length	22.34 cm
Package 2 Weight	1.272 kg

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	**59**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
SCIP Number	**0dbcf8b1-4732-4e36-88bc-462a078c2d4c**
Halogen-free status	**Halogen free product**

Use Again

Repack and remanufacture

End of life manual availability	**No need of specific recycling operations**
Take-back	**No**