

Product datasheet

Specifications



Easy9 miniature circuit breaker- 4P - 50 A - C curve - 4500 A - 400 V

EZ9F34450

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	50 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	4500 A Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1 4500 A Icn at 400 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
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	4.5 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	8
Height	81 mm

Width	72 mm
Depth	66.5 mm
Colour	Grey (RAL 7035)
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm ² flexible Tunnel type terminal (top or bottom) 1...35 mm ² rigid
Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Without

Environment

Standards	IEC 60898-1
Product certifications	GOST-R
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 Weight	492.0 g
Package 1 Height	7.5 cm
Package 1 width	7.1 cm
Package 1 Length	8.5 cm
Unit Type of Package 2	P06
Number of Units in Package 2	288
Package 2 Weight	150.2 kg
Package 2 Height	20 cm
Package 2 width	60 cm
Package 2 Length	80 cm
Unit Type of Package 3	BB1
Number of Units in Package 3	3
Package 3 Weight	1.52 kg
Package 3 Height	8 cm
Package 3 width	8.8 cm
Package 3 Length	22.8 cm

Offer Sustainability

Sustainable offer status	Green Premium product
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
