

Product data sheet

Specifications



Miniature circuit breaker, Easy9, 4P, 50 A, C curve, 6000 A

EZ9F35450

Main

Range	Easy9
Device application	Protection
Product or component type	Miniature circuit-breaker
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	6000 A I _{cn} at 400 V AC 50 Hz conforming to IEC 60898-1 6000 A I _{cn} at 230 V AC 50 Hz conforming to IEC 60898-1
Suitability for isolation	Yes conforming to IEC 60898-1

Complementary

Network frequency	50 Hz
[U _e] rated operational voltage	400 V AC 50 Hz
Magnetic tripping limit	5...10 x I _n
[U _{imp}] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Local signalling	Without
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	82 mm
Width	72 mm
Depth	74 mm
Mechanical durability	10000 cycles
Electrical durability	4000 cycles

Connections - terminals	Tunnel type terminal (top or bottom) 1...35 mm ² rigid Tunnel type terminal (top or bottom) 1...25 mm ² flexible
Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Without

Environment

Standards	IEC 60898-1
IP degree of protection	IP20 IP40 (modular enclosure)
Tropicalisation	2 conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °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	486.0 g
Package 1 Height	7.0 cm
Package 1 width	7.5 cm
Package 1 Length	8.5 cm
Unit Type of Package 2	P12
Number of Units in Package 2	168
Package 2 Weight	99.928 kg
Package 2 Height	45.0 cm
Package 2 width	80.0 cm
Package 2 Length	120.0 cm
Unit Type of Package 3	S03
Number of Units in Package 3	21
Package 3 Weight	10.991 kg
Package 3 Height	30.0 cm
Package 3 width	30.0 cm
Package 3 Length	40.0 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
Halogen content performance	Halogen free product
