Product datasheet

Specifications

Green Premium™

Miniature circuit breaker (MCB), Easy9, 1P, 6A, B curve, 3000A (IEC/EN 60898-1)

EZ9F13106

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	6 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	B
Breaking Capacity	3000 A Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1 5000 A Icn at 127 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	230 V AC 50/60 Hz 127 V AC 50/60 Hz
Magnetic Tripping Limit	3...5 x In
[Ics] Rated Service Breaking Capacity	3 kA 100 % x Icn at 230 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	2
Height	81 mm
Width	17.7 mm
Depth	73.6 mm
Colour	Grey (RAL 7035)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	7.41 cm
Package 1 Width	1.8 cm
Package 1 Length	8.53 cm
Package 1 Weight	0.106 kg
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.22 cm
Package 2 Width	8.86 cm
Package 2 Length	22.34 cm
Package 2 Weight	1.268 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations