Product datasheet

Specifications

Green Premium™

Miniature circuit breaker, Easy9, 3P, 16 A, C curve, 6000 A

EZ9F76316

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	6000 A Icn at 415 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	415 V AC 50/60 Hz
Magnetic Tripping Limit	5...10 x In
[Ics] Rated Service Breaking Capacity	6 kA 100 % x Icn at 415 V AC 50/60 Hz conforming to IEC 60898-1
Limitation Class	3 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	54 mm
Depth	77.5 mm
Net Weight	0.34 kg

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Colour	Grey (RAL 7035)
Mechanical Durability	20000 cycles
Electrical Durability	20000 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	CE ISI
Ip Degree Of Protection	IP20 conforming to IEC 60529
Pollution Degree	2
Tropicalisation	2
Relative Humidity	95 % at -5…55 °C
Ambient Air Temperature For Operation	-5…55 °C
Ambient Air Temperature For Storage	-25…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8 cm
Package 1 Width	6 cm
Package 1 Length	9 cm
Package 1 Weight	0.345 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	48
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	16.56 kg

Sustainability

Green Premium^{TM} 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

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

                                          Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure   Product Environmental Profile

Circularity Profile   No need of specific recycling operations