Product datasheet

Specifications

Green Premium™

Easy9 miniature circuit breaker- 4P - 20 A - C curve - 6000 A - 400 V

EZ9F56420

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	20 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	10000 A Icn at 220 V AC 50/60 Hz conforming to IEC 60898-1 6000 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 Hz
[Ue] Rated Operational Voltage	220 V AC 50/60 Hz 400 V AC 50/60 Hz
Magnetic Tripping Limit	5...10 x In
[Ics] Rated Service Breaking Capacity	6 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)

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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	CE VDE
Ip Degree Of Protection	IP20 conforming to IEC 60529
Pollution Degree	2
Tropicalisation	2
Relative Humidity	95 % at -5…60 °C
Ambient Air Temperature For Operation	-5…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	7.48 cm
Package 1 Width	7.081 cm
Package 1 Length	8.512 cm
Package 1 Weight	440 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	8.5 cm
Package 2 Width	9 cm
Package 2 Length	22 cm
Package 2 Weight	1336 g

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

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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations