Product datasheet

Specifications

Miniature circuit breaker, Easy9, 2P, 20 A, B curve, 10000 A

EZ9F21220

⚠ **Discontinued on:** 03-Jul-2023

⚠ **Discontinued**

Main

Range	Easy9
Device application	Distribution
Product or component type	Miniature circuit-breaker
Device short name	Easy9 MCB
Poles	2P
Number of protected poles	2
[In] rated current	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	10000 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	3...5 x In
[Ics] rated service breaking capacity	10 kA 75 % 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	4
Height	81 mm
Width	36 mm
Depth	77.5 mm

Net weight	0.225 kg
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	4 cm
Package 1 Length	9 cm
Package 1 Weight	0.234 kg
Unit Type of Package 2	S03
Number of Units in Package 2	72
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	16.848 kg

Life Is On | Schneider Electric

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 ›

Sustainable Packaging

Resource performance

✓ Sustainable Packaging

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

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