

# Product data sheet

Specifications



## Miniature circuit breaker (MCB), Easy9, 1P, 20A, C curve, 6000A (IEC/EN 60898-1)

EZ9F56120

### 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	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1 10000 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 Hz
[Ue] rated operational voltage	230 V AC 50 Hz 127 V AC 50 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	6 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

<b>Width</b>	18 mm
<b>Depth</b>	66.5 mm
<b>Colour</b>	Grey (RAL 7035)
<b>Mechanical durability</b>	10000 cycles
<b>Electrical durability</b>	4000 cycles
<b>Connections - terminals</b>	Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 1...16 mm <sup>2</sup> flexible
<b>Tightening torque</b>	2 N.m top or bottom

## Environment

<b>Standards</b>	IEC 60898-1
<b>Product certifications</b>	CE VDE
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Pollution degree</b>	2
<b>Tropicalisation</b>	2
<b>Relative humidity</b>	95 % at -5...60 °C
<b>Ambient air temperature for operation</b>	-5...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.4 cm
<b>Package 1 Width</b>	1.8 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	108 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	12
<b>Package 2 Height</b>	8 cm
<b>Package 2 Width</b>	8.8 cm
<b>Package 2 Length</b>	22.8 cm
<b>Package 2 Weight</b>	1.342 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	144
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	16.591 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant

[EU RoHS Declaration](#)

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<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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**Recommended replacement(s)**