

# Product data sheet

Specifications



## Miniature circuit breaker (MCB), Easy9, 1P, 10A, C curve, 3000A (IEC/EN 60898-1)

EZ9F43110

### 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	10 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
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
Magnetic tripping limit	5...10 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	18 mm
Depth	66.5 mm
Colour	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
<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 -25...60 °C
<b>Ambient air temperature for operation</b>	-25...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>	7.41 cm
<b>Package 1 Width</b>	1.8 cm
<b>Package 1 Length</b>	8.53 cm
<b>Package 1 Weight</b>	0.106 kg
<b>Unit Type of Package 2</b>	BB2
<b>Number of Units in Package 2</b>	12
<b>Package 2 Height</b>	8.22 cm
<b>Package 2 Width</b>	8.86 cm
<b>Package 2 Length</b>	22.34 cm
<b>Package 2 Weight</b>	1.268 kg



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **20**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Recycled metal content at CR level **0**

[EU RoHS Directive](#) **Compliant**


REACH Regulation [REACH Declaration](#)

China RoHS Regulation [China RoHS declaration](#)

## Use Again

### Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

WEEE  **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Halogen content performance **Halogen free product**

Take-back **No**