

# Product data sheet

Specifications



## Miniature circuit breaker (MCB), Easy9, 4P, 40A, C curve, 6000A (IEC/EN 60898-1)

EZ9F56440

### 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	40 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	50/60 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)

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 flexible Tunnel type terminal (top or bottom) 1...35 mm² rigid
Tightening Torque	3.5 N.m top or bottom
Earth-Leakage Protection	Without

## 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	7.5 cm
Package 1 Width	7.1 cm
Package 1 Length	8.5 cm
Package 1 Weight	478 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	8 cm
Package 2 Width	8.8 cm
Package 2 Length	22.8 cm
Package 2 Weight	1.94 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	36
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	17.208 kg

# 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<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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