

# Product datasheet

Specifications



Easy9 RCD with overcurrent protection - 1P + N - 16 A - C curve - 4500 A - 30 mA

EZ9D34616

## Main

Range	Easy9
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Device Short Name	Easy9 RCBO
Poles	1P + N
Neutral Position	Left
[In] Rated Current	16 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Earth-Leakage Sensitivity	30 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type AC
Breaking Capacity	4500 A Icn at 230 V AC 50 Hz conforming to IEC 61009-1

## Complementary

Device Application	Distribution
Device Location In System	Outgoer
[Ue] Rated Operational Voltage	230 V AC 50 Hz
Magnetic Tripping Limit	5...10 x In
[Ui] Rated Insulation Voltage	500 V
[Uimp] Rated Impulse Withstand Voltage	4 kV
Surge Current	250 A
Contact Position Indicator	Yes
Control Type	Toggle
Mounting Support	DIN rail
9 Mm Pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey (RAL 7035)
Mechanical Durability	8000 cycles

<b>Electrical Durability</b>	2000 cycles 230 AC 50 Hz
<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
<b>Earth-Leakage Protection</b>	Integrated

## Environment

<b>Standards</b>	IEC 61009-1
<b>Product Certifications</b>	EAC GOST
<b>Tropicalisation</b>	2
<b>Relative Humidity</b>	95 %
<b>Ambient Air Temperature For Operation</b>	-25...60 °C
<b>Ambient Air Temperature For Storage</b>	-40...70 °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>	7.42 cm
<b>Package 1 Width</b>	3.57 cm
<b>Package 1 Length</b>	8.54 cm
<b>Package 1 Weight</b>	194 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	72
<b>Package 2 Height</b>	30 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	15.426 kg
<b>Unit Type Of Package 3</b>	P12
<b>Number Of Units In Package 3</b>	576
<b>Package 3 Height</b>	50 cm
<b>Package 3 Width</b>	80 cm
<b>Package 3 Length</b>	120 cm
<b>Package 3 Weight</b>	137.43 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.



Transparency RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation**

[REACH Declaration](#)

**Eu Rohs Directive**

Compliant

[EU RoHS Declaration](#)

**China Rohs Regulation**

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

**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