

# Product datasheet

Specifications



## Easy9 RCD with overcurrent protection - 1P + Ns - 16 A - B curve - 6000 A - 30mA

EZ9D16816

### Main

Range	Easy9
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Device Short Name	Easy9 RCBO
Poles	1P + Ns
Neutral Position	Left
[In] Rated Current	16 A
Earthing System	TN
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	B
Earth-Leakage Sensitivity	30 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type A
Breaking Capacity	6000 A Icn at 230 V AC 50 Hz conforming to BS EN 61009-1

### Complementary

Device Application	Distribution
Device Location In System	Outgoer
Network Frequency	50 Hz
[Ue] Rated Operational Voltage	230 V AC 50 Hz
Magnetic Tripping Limit	3...5 x In
Residual Current Tripping Technology	Voltage dependent functional earth
Limitation Class	3
[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	2
Height	110 mm

<b>Width</b>	18 mm
<b>Depth</b>	72 mm
<b>Net Weight</b>	180 g
<b>Colour</b>	Grey (RAL 7035)
<b>Mechanical Durability</b>	10000 cycles
<b>Electrical Durability</b>	4000 cycles 230 AC 50 Hz
<b>Connections - Terminals</b>	Tunnel type terminal (top) 25 mm <sup>2</sup> rigid Tunnel type terminal (bottom) 16 mm <sup>2</sup> rigid Tunnel type terminal (bottom) 16 mm <sup>2</sup> flexible Cable (top) 2 cable(s) flexible
<b>Tightening Torque</b>	2 N.m top or bottom
<b>Earth-Leakage Protection</b>	Integrated

## Environment

<b>Standards</b>	BS EN 61009-1
<b>Product Certifications</b>	CE
<b>Overvoltage Category</b>	IV
<b>Tropicalisation</b>	2
<b>Relative Humidity</b>	95 % at 55 °C
<b>Ambient Air Temperature For Operation</b>	-15...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>	2.5 cm
<b>Package 1 Width</b>	11.0 cm
<b>Package 1 Length</b>	13.7 cm
<b>Package 1 Weight</b>	215.0 g

## 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.



Sustainable Packaging Transparency RoHS/REACH

## Resource performance

Sustainable Packaging

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## Well-being performance

Mercury Free

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RoHS Exemption Information Yes

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## Certifications & Standards

<b>Reach Regulation</b>	<a href="#">REACH Declaration</a>
<b>Eu Rohs Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>China Rohs Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<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
<b>Circularity Profile</b>	No need of specific recycling operations <a href="#">Circularity Profile</a>

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