

# Product datasheet

Specifications



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

Local distributor code: 397281260 EZ9D16816

EAN Code : 3606480570193

### 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
Width	18 mm
Depth	72 mm
Net weight	180 g
Colour	Grey (RAL 7035)
Mechanical durability	10000 cycles
Electrical durability	4000 cycles 230 AC 50 Hz
Connections - terminals	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
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

## Environment

Standards	BS EN 61009-1
Product certifications	CE
Overvoltage category	IV
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-15...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 Weight	215.0 g
Package 1 Height	2.5 cm
Package 1 width	11.0 cm
Package 1 Length	13.7 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
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>
Circularity Profile	<a href="#">End of Life Information</a>

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<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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**Contractual warranty**

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<b>Warranty</b>	18 months
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