

# Product datasheet

Specifications



## Easy9 RCD with overcurrent protection - 1P + Ns - 6 A - B curve - 6000 A - 30mA

Local distributor code: 397281231 EZ9D16806

EAN Code : 3606480570179

### 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	6 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

<b>Control type</b>	Toggle
<b>Mounting support</b>	DIN rail
<b>9 mm pitches</b>	2
<b>Height</b>	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 V 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 Weight</b>	216.0 g
<b>Package 1 Height</b>	2.7 cm
<b>Package 1 width</b>	11.0 cm
<b>Package 1 Length</b>	13.8 cm
<b>Unit Type of Package 2</b>	P12
<b>Number of Units in Package 2</b>	1088
<b>Package 2 Weight</b>	235.008 kg
<b>Package 2 Height</b>	70.0 cm
<b>Package 2 width</b>	120.0 cm
<b>Package 2 Length</b>	80.0 cm
<b>Unit Type of Package 3</b>	S02
<b>Number of Units in Package 3</b>	34
<b>Package 3 Weight</b>	7.799 kg
<b>Package 3 Height</b>	15.0 cm
<b>Package 3 width</b>	30.0 cm

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Package 3 Length	40.0 cm
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## Offer Sustainability

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Sustainable offer status	Green Premium product
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REACH Regulation	<a href="#">REACH Declaration</a>
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EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
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Mercury free	Yes
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RoHS exemption information	Yes
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China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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Circularity Profile	<a href="#">End of Life Information</a>
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WEEE	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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Warranty	18 months
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