

# 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
Electrical durability	2000 cycles 230 AC 50 Hz
Connections - terminals	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
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

## Environment

Standards	IEC 61009-1
Product certifications	EAC GOST
Tropicalisation	2
Relative humidity	95 %
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	194.0 g
Package 1 Height	7.42 cm
Package 1 width	3.57 cm
Package 1 Length	8.54 cm
Unit Type of Package 2	P12
Number of Units in Package 2	576
Package 2 Weight	137.43 kg
Package 2 Height	50.0 cm
Package 2 width	80.0 cm
Package 2 Length	120.0 cm
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Weight	15.426 kg
Package 3 Height	30.0 cm
Package 3 width	30.0 cm
Package 3 Length	40.0 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>

<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<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