

Product datasheet

Specifications



Easy9 RCD with overcurrent protection - 1P + Ns - 10 A - B curve - 6000 A - 30mA

EZ9D16810

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	10 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 I _{cn} 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
[U _e] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	3...5 x I _n
Residual current tripping technology	Voltage dependent functional earth
Limitation class	3
[U _i] rated insulation voltage	500 V
[U _{imp}] 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 V AC 50 Hz
Connections - terminals	Tunnel type terminal (top) 25 mm ² rigid Tunnel type terminal (bottom) 16 mm ² rigid Tunnel type terminal (bottom) 16 mm ² 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 Height	2.8 cm
Package 1 Width	11.2 cm
Package 1 Length	13.7 cm
Package 1 Weight	215 g
Unit Type of Package 2	S02
Number of Units in Package 2	34
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.765 kg
Unit Type of Package 3	P12
Number of Units in Package 3	1088
Package 3 Height	70 cm
Package 3 Width	120 cm
Package 3 Length	80 cm

Package 3 Weight	233.92 kg
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Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
Sustainable packaging	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations Circularity Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Recommended replacement(s)