Product datasheet

Specifications

Green Premium™

Easy9 RCD with overcurrent protection - 1P + Ns - 40 A - B curve - 6000 A - 30mA

Local distributor code:

397281325 EZ9D16840

EAN Code: 3606480570230

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	40 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 mm² rigid Tunnel type terminal (bottom) 16 mm² rigid Tunnel type terminal (bottom) 16 mm² 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	2.7 cm
Package 1 Width	13.8 cm
Package 1 Length	11.0 cm
Package 1 Weight	242.0 g

Contractual warranty

Warranty	18 months

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_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Sustainable Packaging Transparency RoHS/REACh

Resource performance

- Sustainable Packaging

Well-being performance

- Mercury Free
- Rohs Exemption Information — Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations Circularity Profile