

Product datasheet

Specifications



Easy9 RCD with overcurrent protection - 1P + Ns - 20 A - B curve - 6000 A - 30mA

EZ9D16820

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	20 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 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	11.3 cm
Package 1 Length	13.8 cm
Package 1 Weight	222.0 g

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-CO₂ products.



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
[EU RoHS Declaration](#)

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](#)
