Product datasheet

Specifications



Residual current circuit breaker(RCCB), Easy9 Pro, 4P, 40A, A Type, 30mA

EZ9R49440

Main

Range	Easy9 Pro
Product or component type	Residual current circuit breaker (RCCB)
Device short name	Easy9 Pro RCCB
Device application	Distribution
Poles description	4P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Rated breaking and making capacity	500 A
Rated conditional short-circuit current	10 kA

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	415 V AC 50 Hz
Residual current tripping technology	Voltage independent
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Surge current	250 A
Control type	Toggle
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top: pin type Bottom: pin/fork type
9 mm pitches	8
Height	85 mm
Width	72 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

Depth	79 mm
Product weight	355 g
Colour	Grey (RAL 7035)
Mechanical durability	5000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal (top and bottom) 1…35 mm² rigid Tunnel type terminal (top and bottom) 1…25 mm² flexible

Environment

Standards	IEC/EN 61008-1 IEC/EN 61008-2-1
Product certifications	CE
IP degree of protection	IP20
Pollution degree	2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25…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	8.2 cm
Package 1 Width	7.5 cm
Package 1 Length	9.1 cm
Package 1 Weight	355 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	9.1 cm
Package 2 Width	9.7 cm
Package 2 Length	25.3 cm
Package 2 Weight	1.155 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	27
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	39 cm
Package 3 Weight	11.083 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**8 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**6 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.5 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**F0aa2126-7dd1-47d5-9627-f72181f26494**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
Halogen-free status	**Product contains halogen above thresholds**
PVC free	**No**
Silicone-free	**No**

Use Longer

Lifetime extension

Repair	**No**

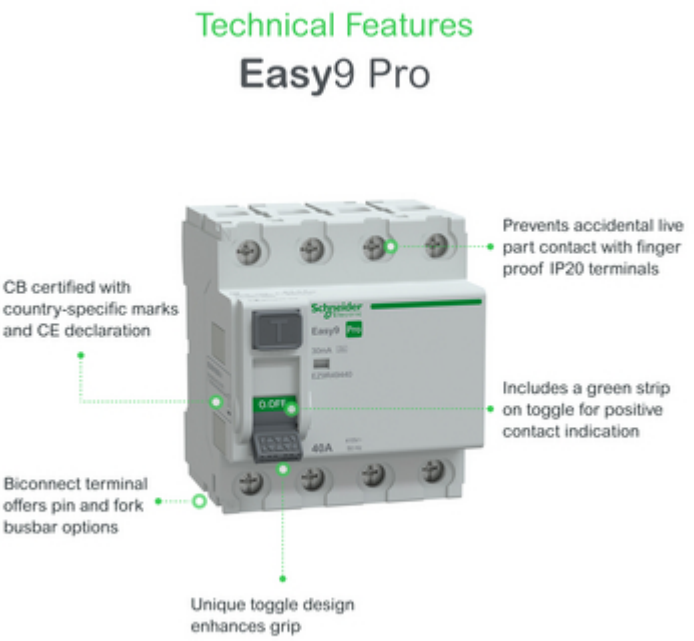
Use Again

Repack and remanufacture

Recyclability potential, in %	**51**
End of life manual availability	**No need of specific recycling operations**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

