

# Product datasheet

Specifications



## Residual current circuit breaker (RCCB), Easy9, 2P, 40A, AC type, 300mA

EZ9R64240

⚠ Discontinued on: Sep 13, 2024

⚠ Discontinued

## Main

Range of product	Easy9
Product or component type	Residual current circuit breaker (RCCB)
Device short name	Easy9 RCCB
Poles	2P
Neutral position	Left
[In] rated current	40 A
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Rated breaking and making capacity	500 A
Rated conditional short-circuit current	Easy9 MCB: 4500 A 40 A

## Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz
Residual current tripping technology	Voltage dependent
[Ui] rated insulation voltage	440 V AC
[Uimp] rated impulse withstand voltage	4 kV
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top: YES
Connection pitch	18 mm between phases
9 mm pitches	4
Height	82 mm

<b>Width</b>	36 mm
<b>Depth</b>	72 mm
<b>Colour</b>	Grey (RAL 7035)
<b>Mechanical durability</b>	5000 cycles
<b>Electrical durability</b>	AC: 2000 cycles 230 V AC 50 Hz
<b>Connections - terminals</b>	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
<b>Tightening torque</b>	2.5 N.m top or bottom
<b>Market segment</b>	Small commercial Residential

## Environment

<b>Standards</b>	IEC 61008-1
<b>Product certifications</b>	GOST-R CE EAC
<b>IP degree of protection</b>	IP20
<b>Pollution degree</b>	2 conforming to IEC 61008-1
<b>Tropicalisation</b>	2
<b>Relative humidity</b>	95 % at 55 °C
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.27 cm
<b>Package 1 Width</b>	3.59 cm
<b>Package 1 Length</b>	8.54 cm
<b>Package 1 Weight</b>	138.0 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	39
<b>Package 2 Height</b>	15.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	6.266 kg
<b>Unit Type of Package 3</b>	PAL
<b>Number of Units in Package 3</b>	624
<b>Package 3 Height</b>	125.0 cm
<b>Package 3 Width</b>	60.0 cm
<b>Package 3 Length</b>	80.0 cm
<b>Package 3 Weight</b>	86112.0 g

# Contractual warranty

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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	58 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	52 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
SCIP Number	C80aa611-4852-4a2c-b49a-fd0fbf96bfd7
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

End of life manual availability	No need of specific recycling operations
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