

# Product datasheet

Specifications



## Easy9 Residual Current Circuit Breaker - 4P - 40A - 100 mA - AC type - 400 V

DOM16814

### Main

Range of product	Easy9
Product or component type	Residual current circuit breaker (RCCB)
Device short name	Easy9 RCCB
Poles	4P
Neutral position	Left
[In] rated current	40 A
[In] rated current	40 A
Network type	CA
Earth-leakage sensitivity	100 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: 6000 A 40 A

### Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz
Residual current tripping technology	Voltage independent
[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	Con clip
Mounting support	Carril DIN
Comb busbar and distribution block compatibility	Top: YES
Connection pitch	18 mm between phases
9 mm pitches	8
Height	82 mm

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

<b>Width</b>	72 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 400 V AC 50/60 Hz
<b>Connections - terminals</b>	Tunnel type terminal (top or bottom) 1...35 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> flexible
<b>Tightening torque</b>	3.5 N.m top or bottom

## Environment

<b>Standards</b>	IEC 61008-1
<b>Product certifications</b>	CE
<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>	-5...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>	8 cm
<b>Package 1 Width</b>	8 cm
<b>Package 1 Length</b>	9 cm
<b>Package 1 Weight</b>	330 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	3
<b>Package 2 Height</b>	9.2 cm
<b>Package 2 Width</b>	9.7 cm
<b>Package 2 Length</b>	25.5 cm
<b>Package 2 Weight</b>	1.49 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	27
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	11.88 kg



## 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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **94**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

[EU RoHS Directive](#) **Compliant with Exemptions**

SCIP Number **C80aa611-4852-4a2c-b49a-fd0fbf96bfd7**

REACH Regulation [REACH Declaration](#)

Halogen content performance **Halogen free plastic parts & cables product**

## Use Again

### Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**

WEEE  **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**