

Product data sheet

Specifications



Repacked, residual current circuit breaker (RCCB), Acti9 REDs, 2P, 40A, A type, 300mA

A9CR5240W



This repacked option saves 3.438 over the standard condition

Main

range of product	Acti9
Product name	Acti9 REDs
Product or component type	Residual current circuit breaker (RCCB)
Device short name	REDs
Protection type	Recloser
Poles description	2P
Neutral position	Left
[In] rated current	40 A
Earthing system	TT TN-S
Network type	AC
Earth-leakage sensitivity	300 mA

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz phase to neutral
Reset	Fault reset earth leakage
Test function	Manual at > 100 V
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Minimum leakage resistance	5 kOhm at operating 2.5 kOhm at non-operating
[Im] rated making and breaking capacity	Idm 630 A 230 V
Rated conditional short-circuit current	Inc: 10 kA - associated with iC60L, 40 A Inc: 10 kA - associated with gG fuse, 40 A Inc: 15 kA - associated with iC60L, 25 A Inc: 10 kA - associated with NG125, 40 A Inc: 15 kA - associated with gG fuse, 25 A Inc: 15 kA - associated with NG125, 25 A Inc: 10 kA - associated with iC60N, 40 A Inc: 10 kA - associated with DPNN, 40 A Inc: 15 kA - associated with iC60H, 25 A Inc: 10 kA - associated with iC60H, 40 A Inc: 6 kA - associated with DPN, 40 A
[Ui] rated insulation voltage	500 V

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

[Uimp] rated impulse withstand voltage	4 kV
Control type	Toggle
Local signalling	1 LED green/red Residual current device : ON/OFF indication Recloser : ON/OFF indication
Operating mode	Reclosing time: 10 s Maximum operational frequency: 30/hour Max nb of consecutive restart: 3 Min interval between 2 closings: 180 s Insulation fault presence monitoring Stopping restart cycle if insulation fault present Restart in event of transient insulation fault
Insulation fault diagnosis	If fault detected, diagnosis every 2 minutes
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	6
Height	106 mm
Width	54 mm
Depth	82 mm
Product weight	278 g
Colour	Grey
Mechanical durability	4000 cycles open-close
Connections - terminals	Guard tunnel terminal 35 mm² rigid Guard tunnel terminal 35 mm² flexible Guard tunnel terminal 35 mm² flexible with ferrule
Wire stripping length	12 mm
Tightening torque	3 N.m

Environment

Standards	EN 50557
IP degree of protection	IP20
Electromagnetic compatibility	8/20 µs wave immunity, 250 A
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-5...40 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.5 cm
Package 1 Width	13.3 cm
Package 1 Length	11.2 cm
Package 1 Weight	392.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	12

Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.247 kg

Contractual warranty

Warranty (in months)	18
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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

Lower carbon footprint

3 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

A7b24ae6-2312-4e67-b7c9-56fce3e8c723

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



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