Product datasheet

Specifications



RCCB with re-closer - RED - 4 poles - 40 A - class A - 300 mA

18267

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	4P
Neutral position	Left
Signal contacts composition	1NO or 1NC or intermittent 1 Hz
[In] rated current	40 A
Earthing system	TN-S TT
Network type	AC
Earth-leakage sensitivity	300 mA

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	400 V AC 50 Hz phase to neutral
Reset	Fault reset earth leakage
Test function	Manual at > 170 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 400 V
Rated conditional short-circuit current	Inc: 15 kA - associated with iC60H, 25 A Inc: 6 kA - associated with DPN, 40 A Inc: 10 kA - associated with gG fuse, 40 A Inc: 15 kA - associated with iC60L, 25 A Inc: 15 kA - associated with NG125, 25 A Inc: 15 kA - associated with gG fuse, 25 A Inc: 10 kA - associated with DPNN, 40 A Inc: 10 kA - associated with iC60H, 40 A Inc: 10 kA - associated with iC60L, 40 A Inc: 10 kA - associated with NG125, 40 A Inc: 10 kA - associated with iC60N, 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
Surge current	250 A
Control type	Toggle
Local signalling	2 LEDs Residual current device : ON/OFF indication Recloser : ON/OFF indication
Operating mode	Reclosing time: < 10 s Max nb of consecutive restart: 3 Min interval between 2 closings: 30 s Stopping restart cycle if insulation fault present: 15 min Insulation fault presence monitoring
Insulation fault diagnosis	If fault detected, diagnosis every 2 minutes
Signalling circuit voltage	AC: 5...230 V DC: 5...230 V
Signalling output current	0.6 mA min 100 mA max, cos phi =1
mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	14
Height	98 mm
Width	125 mm
Depth	79.5 mm
Embedding depth	73.5 mm
Net weight	0.67 kg
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
Auxiliary connection terminal	Tunnel type terminal in 2.5 mm² flexible Tunnel type terminal in 2.5 mm² rigid Tunnel type terminal in 2.5 mm² flexible with ferrule
Wire stripping length	Power circuit: 12 mm Signaling: 9 mm
Tightening torque	Power circuit: 2 N.m Signaling: 0.4 N.m

Environment

Standards	EN/IEC 63024
IP degree of protection	IP20
Pollution degree	2
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	-20…60 °C

Packing Units

Unit Type of Package 1	PCE

Number of Units in Package 1	1
Package 1 Height	11.600 cm
Package 1 Width	13.800 cm
Package 1 Length	17.000 cm
Package 1 Weight	710.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.237 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 >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
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**
PVC free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

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**