

Product datasheet

Specifications



RCCB with re-closer - RED - 2 poles - 25 A - class A - 300 mA

18688

⚠ Discontinued on: 9 Dec 2022

⚠ Discontinued

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	Right
Signal contacts composition	1NO or 1NC or intermittent 1 Hz
[In] rated current	25 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: 6 kA - associated with DPN, 40 A Inc: 10 kA - associated with DPNN, 40 A Inc: 10 kA - associated with iC60N, 25 A Inc: 10 kA - associated with iC60H, 25 A Inc: 10 kA - associated with iC60L, 25 A Inc: 10 kA - associated with NG125, 25 A Inc: 10 kA - associated with gG fuse, 25 A
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV

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

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: < 90 s Max nb of consecutive restart: 3 Min interval between 2 closings: 180 s Stopping restart cycle if insulation fault present Insulation fault presence monitoring
Signalling circuit voltage	AC: 5...230 V DC: 5...230 V
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	8
Height	115 mm
Width	71 mm
Depth	79.5 mm
Net weight	0.36 kg
Mechanical durability	1000 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	IEC 61008 EN 61008
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	10.8 cm
Package 1 Width	11.8 cm
Package 1 Length	13.8 cm

Package 1 Weight	458 g
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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 >](#)

Use Better

Materials and Substances	
SCIP Number	D2cf9120-48a6-476e-9d82-7a9ed4db2129
EU RoHS Directive	Compliant By Exemption

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins