

Product datasheet

Specifications



RCCB with re-closer - RED - 2 poles - 40 A - class A - 30 mA

18689

⚠ Discontinued on: 01-Nov-2020

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Main

Range Of Product	Acti9
Product Or Component Type	Residual current circuit breaker (RCCB)
Device Short Name	REDs
Protection Type	Recloser
Poles Description	2P
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	30 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	16 kOhm at operating 8 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 iC60H, 40 A Inc: 10 kA - associated with iC60L, 40 A Inc: 10 kA - associated with NG125, 40 A Inc: 15 kA - associated with NG125, 25 A Inc: 10 kA - associated with DPNN, 40 A Inc: 15 kA - associated with gG fuse, 25 A Inc: 10 kA - associated with iC60N, 40 A Inc: 15 kA - associated with iC60L, 25 A Inc: 6 kA - associated with DPN, 40 A Inc: 15 kA - associated with iC60H, 25 A Inc: 10 kA - associated with gG fuse, 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: < 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	11.2 cm

Package 1 Length	12.5 cm
Package 1 Weight	431 g

Contractual warranty

Warranty	18 months
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Sustainability


Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations