

Product datasheet

Specifications



Residual current circuit breaker (RCCB), Acti9 RED, 2P, 40A, A type, 30mA

18683

⚠ Discontinued on: 25 Oct 2021

⚠ Discontinued

Main

Range Of Product	Acti9
Product Or Component Type	Residual current circuit breaker (RCCB)
Device Short Name	RED
Protection Type	Recloser
Poles Description	2P
Neutral Position	Left
[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	70 kOhm at operating 20 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: 6 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: 6 kA - associated with iC60N, 40 A Inc: 6 kA - associated with iC60H, 40 A Inc: 6 kA - associated with iC60L, 40 A Inc: 10 kA - associated with NG125, 25 A Inc: 6 kA - associated with NG125, 40 A Inc: 10 kA - associated with gG fuse, 25 A Inc: 6 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	1 red LED Recloser : ON/OFF indication Residual current device : ON/OFF indication
Operating Mode	Reclosing time: 90 s Maximum operational frequency: 15/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
Mounting Mode	Fixed
Mounting Support	35 mm symmetrical DIN rail
9 Mm Pitches	8
Height	115 mm
Width	71 mm
Depth	79.5 mm
Mechanical Durability	1000 cycles open-close
Connections - Terminals	Guard tunnel terminal 35 mm² rigid Guard tunnel terminal 25 mm² flexible
Auxiliary Connection Terminal	Tunnel type terminal in 2.5 mm² flexible Tunnel type terminal in 2.5 mm² rigid
Wire Stripping Length	12 mm
Tightening Torque	2 N.m

Environment

Standards	EN 61008 IEC 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	11 cm
Package 1 Width	11 cm
Package 1 Length	12.5 cm
Package 1 Weight	429.333 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	5.623 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	96
Package 3 Height	50 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	56.984 kg

Contractual warranty

Warranty	18 months
----------	-----------

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