

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
[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
Net weight	278 g
Colour	Grey
Mechanical durability	4000 cycles open-close
Connections - terminals	Guard tunnel terminal 35 mm ² rigid Guard tunnel terminal 35 mm ² flexible Guard tunnel terminal 35 mm ² 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

Offer Sustainability

REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins