



Main

Range of product	RED
Range	Acti 9
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	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
Leakage resistance	2 kOhm
[Im] rated making and breaking capacity	Idm 630 A 230 V
Rated conditional short-circuit current	C120 : Inc 10 kA 40 A C32 : Inc 4.5 kA 40 A C60 : Inc 10 kA 40 A DT40 : Inc 6 kA 40 A DT40N : Inc 6 kA 40 A GL63 : Inc 6 kA 40 A gL K60 : Inc 6 kA 40 A NG125 : Inc 10 kA 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
Control type	Toggle
Local signalling	Recloser : ON/OFF indication 2 LEDs Residual current device : ON/OFF indication
Type of setting	Recloser Restart in event of transient insulation fault Insulation fault presence monitoring Min interval between 2 closings Restart cycle Max nb of consecutive restart Stopping restart cycle if insulation fault present Nb of restart operations
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
Product weight	0.36 kg
Mechanical durability	1000 cycles open-close
Connections - terminals	Guard tunnel terminal 25 mm ² flexible Guard tunnel terminal 35 mm ² rigid
Auxiliary connection terminal	Tunnel type terminal flexible 2.5 mm ² Tunnel type terminal rigid 2.5 mm ²
Wire stripping length	12 mm
Tightening torque	Power circuit : 2 N.m Signaling : 0.4 N.m
Market segment	Small commercial
Compatibility code	REDs

Environment

Standards	EN 61008 IEC 61008
IP degree of protection	IP20
Electromagnetic compatibility	8/20 µs wave immunity 250 A
Tropicalisation	2
Relative humidity	95 % (55 °C)
Ambient air temperature for operation	-5...40 °C
Ambient air temperature for storage	-20...60 °C

Contractual warranty

Warranty period	18 months
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