



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	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
Leakage resistance	10 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	2 LEDs Recloser : ON/OFF indication Residual current device : ON/OFF indication
Type of setting	Min interval between 2 closings Insulation fault presence monitoring Max nb of consecutive restart Restart cycle Restart in event of transient insulation fault Recloser 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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