



### Main

|                             |   |
|-----------------------------|---|
| Range of product            | Acti 9                                  |
| Product or component type   | Residual current circuit breaker (RCCB) |
| Device short name           | REDs                                    |
| Protection type             | Recloser                                |
| Poles description           | 2P                                      |
| Neutral position            | Right                                   |
| Signal contacts composition | 1NO or 1NC or intermittent 1 Hz         |
| [In] rated current          | 25 A                                    |
| Earthing system             | TT<br>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<br>2.5 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<br>Inc: 10 kA - associated with DPNN, 40 A<br>Inc: 10 kA - associated with iC60N, 25 A<br>Inc: 10 kA - associated with iC60H, 25 A<br>Inc: 10 kA - associated with iC60L, 25 A<br>Inc: 10 kA - associated with NG125, 25 A<br>Inc: 10 kA - associated with gG fuse, 25 A |
| [Ui] rated insulation voltage           | 500 V  |
| [Uimp] rated impulse withstand voltage  | 4 kV   |

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

|                               |  |
|-------------------------------|--|
| Control type                  | Toggle   |
| Local signalling              | 2 LEDs<br>Residual current device : ON/OFF indication<br>Recloser : ON/OFF indication  |
| Operating mode                | Reclosing time: < 90 s<br>Max nb of consecutive restart: 3<br>Min interval between 2 closings: 180 s<br>Stopping restart cycle if insulation fault present<br>Insulation fault presence monitoring |
| Signalling circuit voltage    | AC: 5...230 V<br>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 terminal35 mm <sup>2</sup> rigid<br>Guard tunnel terminal35 mm <sup>2</sup> flexible<br>Guard tunnel terminal35 mm <sup>2</sup> flexible with ferrule                                 |
| Auxiliary connection terminal | Tunnel type terminal in 2.5 mm <sup>2</sup> flexible<br>Tunnel type terminal in 2.5 mm <sup>2</sup> rigid<br>Tunnel type terminal in 2.5 mm <sup>2</sup> flexible with ferrule                     |
| Wire stripping length         | Power circuit: 12 mm<br>Signaling: 9 mm  |
| Tightening torque             | Power circuit: 2 N.m<br>Signaling: 0.4 N.m   |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 61008<br>EN 61008        |
| 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   | -20...60 °C                  |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Circularity Profile        | No need of specific recycling operations  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

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