# Product data sheet
## Characteristics

# 16905
## residual current circuit breaker ID Fi - 4 poles - 125 A - 30mA - class AC


### Main

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|---|---|
| Range | Acti 9 |
| Product name | Acti 9 RCCB-ID |
| Product or component type | Residual current circuit breaker (RCCB) |
| Device short name | RCCB-ID |
| Poles description | 4P |
| Neutral position | Left |
| [In] rated current | 125 A |
| Network type | AC |
| Earth-leakage sensitivity | 30 mA |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type AC |
| Rated breaking and making capacity | Im = 1250 A 400 V conforming to IEC 61008 |
| Rated conditional short-circuit current | Inc 10 kA 125 A |

### Complementary

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|---|---|
| Device location in system | Outgoer |
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 400 V AC 50 Hz conforming to IEC 61008 |
| Residual current tripping technology | Electromechanical |
| [Ui] rated insulation voltage | 440 V AC 50 Hz conforming to IEC 61008-1 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 61008-1 |
| Control type | Toggle |
| Mounting mode | Fixed |
| Mounting support | 35 mm symmetrical DIN rail |
| 9 mm pitches | 8 |
| Height | 86 mm |
| Width | 72 mm |
| Depth | 76 mm |
| Net weight | 420 g |
| Colour | Grey |
| Mechanical durability | 5000 cycles |

| | |
|---|---|
| Electrical durability | 2000 cycles |
| Provision for padlocking | Padlockable |
| Connections - terminals | Tunnel type terminals2 cable(s) 1.5…16 mm² flexible<br>Tunnel type terminals2 cable(s) 1.5…16 mm² rigid<br>Tunnel type terminals1 cable(s) 1.5…50 mm² rigid<br>Tunnel type terminals1 cable(s) 1.5…35 mm² flexible<br>Tunnel type terminals1 cable(s) 1.5…35 mm² flexible with ferrule<br>Tunnel type terminals2 cable(s) 1.5…16 mm² flexible with ferrule |
| Wire stripping length | 11 mm |
| Tightening torque | 3 N.m |

## Environment

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|---|---|
| Standards | IEC 61008<br>IEC 60947-3<br>IEC 60947-1 |
| IP degree of protection | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Tropicalisation | 2 conforming to IEC 61008 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -25…40 °C |
| Ambient air temperature for storage | -40…85 °C |

## Offer Sustainability

| | |
|---|---|
| REACh Regulation | REACh Declaration |
| REACh free of SVHC | Yes |
| EU RoHS Directive | Compliant<br>EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration<br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| 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

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