



Main

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| Range | Acti 9 |
| Product name | Acti 9 iLD |
| Product or component type | Residual current circuit breaker (RCCB) |
| Device short name | IID |
| Poles description | 2P |
| Neutral position | Left |
| [In] rated current | 80 A |
| Network type | AC |
| Earth-leakage sensitivity | 100 mA |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type A-SI |

Complementary

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|-----------------------------------------|-------------------------------------------------|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 220...240 V AC 50/60 Hz |
| Rated breaking and making capacity | I _{dm} 1500 A I _m 1500 A |
| Rated conditional short-circuit current | 10 kA |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 6 kV |
| Contact position indicator | Yes |
| Control type | Toggle |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| 9 mm pitches | 4 |
| Height | 91 mm |
| Width | 36 mm |
| Depth | 73 mm |
| Product weight | 0.21 kg |
| Colour | White |
| Mechanical durability | 20000 cycles |

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

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| Electrical durability | AC-1: 10000 cycles |
| Locking options description | Padlocking device |
| Connections - terminals | Double terminal front 1...35 mm ² rigid Double terminal front 1...25 mm ² flexible Double terminal front 1...25 mm ² flexible with ferrule Double terminal back 1...25 mm ² rigid Double terminal back 1...16 mm ² flexible Double terminal back 1...16 mm ² flexible with ferrule |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 3.5 N.m top or bottom |

Environment

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|---------------------------------------|----------------------------------------------------------------------------------|
| Standards | EN/IEC 61008-1 |
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree | 3 |
| Electromagnetic compatibility | 8/20 µs impulse withstand, 3000 A conforming to EN/IEC 61008-1 |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...85 °C |

Contractual warranty

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| Warranty | 18 months |
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