



Main

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|-------------------------------------|---|
| Range | Acti9 |
| Product name | Acti9 iID |
| Product or component type | Residual current circuit breaker (RCCB) |
| Device short name | IID |
| Device application | Photovoltaic 3P speed drive Lift |
| Poles description | 4P |
| Neutral position | Left |
| [In] rated current | 80 A |
| Network type | AC |
| Earth-leakage sensitivity | 300 mA |
| Earth-leakage protection time delay | Selective |
| Earth-leakage protection class | Type B-SI |
| Quality labels | VDE NF IMQ KEMA |

Complementary

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| Device location in system | Outgoer Group incomer |
| Network frequency | 50 Hz |
| [Ue] rated operational voltage | 400 V AC 50 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 |
| [Uimp] rated impulse withstand voltage | 6 kV |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | ON/OFF indication LED (green)presence of voltage: |

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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|-----------------------------|---|
| | Trip indicator |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| 9 mm pitches | 8 |
| Height | 88 mm |
| Width | 72 mm |
| Depth | 79 mm |
| Net weight | 415 g |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 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 | IEC 61008-2-1 IEC/EN 62423 EN 61008-2-1 |
| Product certifications | CCC KC |
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| IK degree of protection | IK05 |
| Pollution degree | 3 |
| Overvoltage category | IV |
| Electromagnetic compatibility | 8/20 µs impulse withstand, 5 kA conforming to EN/IEC 61008-1 |
| Operating altitude | 0...2000 m |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...85 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 427 g |
| Package 1 Height | 7.5 cm |
| Package 1 width | 8.4 cm |
| Package 1 Length | 10 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 27 |
| Package 2 Weight | 11.967 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |

Offer Sustainability

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|-------------------|--|
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |

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|----------------------------|---|
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |