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Main

| | |
|---------------------------|---|
| Device application | Distribution |
| Range | Acti 9 |
| Range of product | IC60 |
| Product name | Acti 9 iC60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | IC60H |
| Poles description | 2P |
| Number of protected poles | 2 |
| [In] rated current | 50 A |
| Network type | AC DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity code | H |
| Breaking capacity | 10 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 15 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 30 kA Icn conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 10000 A Icn conforming to EN/IEC 60898-1 - 400 V AC 50/60 Hz 42 kA Icu conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz 15 kA Icu conforming to EN/IEC 60947-2 - ≤ 125 V DC 42 kA Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz |
| Utilisation category | Category A conforming to EN 60898-1 Category A conforming to IEC 60898-1 |
| Suitability for isolation | Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2 Yes conforming to EN 60898-1 Yes conforming to IEC 60898-1 |
| Standards | EN 60898-1 EN 60947-2 IEC 60898-1 IEC 60947-2 |

Complementary


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|--|--|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 12...133 V AC 50/60 Hz 72...125 V DC 220...240 V AC 50/60 Hz 380...415 V AC 50/60 Hz 400 V AC 50/60 Hz 440 V AC 50/60 Hz |
| Magnetic tripping limit | 8 x In +/- 20 % |
| [Ics] rated service breaking capacity | 7500 A 75 % x Icu conforming to EN 60898-1 - 400 V AC 50/60 Hz 7500 A 75 % x Icu conforming to IEC 60898-1 - 400 V AC 50/60 Hz 21 kA 50 % x Icu conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 21 kA 50 % x Icu conforming to EN 60947-2 - 12...133 V AC 50/60 Hz 15 kA 100 % x Icu conforming to IEC 60947-2 - 72...125 V DC 15 kA 100 % x Icu conforming to EN 60947-2 - 72...125 V DC 5 kA 50 % x Icu conforming to IEC 60947-2 - 440 V AC 50/60 Hz 15 kA 50 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 50 % x Icu conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 5 kA 50 % x Icu conforming to EN 60947-2 - 440 V AC 50/60 Hz 15 kA 50 % x Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 50 % x Icu conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz |
| Limitation class | 3 conforming to EN 60898-1 3 conforming to IEC 60898-1 |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz conforming to IEC 60947-2 500 V AC 50/60 Hz conforming to EN 60947-2 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2 |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | Trip indicator |
| Mounting support | DIN rail |
| Connection pitch | 18 mm Between phases |

| | |
|--------------------------|---|
| 9 mm pitches | 4 |
| Height | 91 mm |
| Width | 36 mm |
| Depth | 78.5 mm |
| Product weight | 0.25 kg |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Connections - terminals | Double terminal, top or bottom rigid wire(s) 1...35 mm ² max Double terminal, top or bottom flexible wire(s) 1...25 mm ² max |
| Wire stripping length | 14 mm top or bottom |
| Tightening torque | 3.5 N.m top or bottom |
| Earth-leakage protection | Separate block |
| Compatibility code | IC60 |
| Market segment | Residential Small commercial |

Environment

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|---------------------------------------|---|
| IP degree of protection | IP20 conforming to EN 60529 IP20 conforming to IEC 60529 |
| Pollution degree | 3 |
| Overvoltage category | IV |
| Tropicalisation | 2 |
| Relative humidity | 95 % (55 °C) |
| Ambient air temperature for operation | -35...70 °C |
| Ambient air temperature for storage | -40...85 °C |

Offer Sustainability

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|----------------------------------|--|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1650 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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Product Life Status : **Commercialised**