



Main

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| Circuit breaker application | Distribution |
| Range | Acti 9 |
| Product or component type | Circuit breaker |
| Product name | IC60 |
| Device short name | IC60H |
| Poles description | 1P |
| Number of protected poles | 1 |
| [In] rated current | 20 A |
| Network type | AC DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 10000 A Icn conforming to EN 60898-1 - 230 V AC 50/60 Hz 10000 A Icn conforming to IEC 60898-1 - 230 V AC 50/60 Hz 15 kA Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 15 kA Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 42 kA Icu conforming to EN 60947-2 - 12...60 V AC 50/60 Hz 42 kA Icu conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz 30 kA Icu conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz 30 kA Icu conforming to EN 60947-2 - 100...133 V AC 50/60 Hz 15 kA Icu conforming to EN 60947-2 - 72 V DC 15 kA Icu conforming to IEC 60947-2 - 72 V DC 20 kA Icu conforming to EN 60947-2 - 12...60 V DC 20 kA Icu conforming to IEC 60947-2 - 12...60 V DC |
| 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 |

Complementary

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| Network frequency | 50/60 Hz |
| Magnetic tripping limit | 8 x In +/- 20 % |
| [Ics] rated service breaking capacity | 21 kA 50 % x Icu conforming to EN 60947-2 - 12...60 V AC 50/60 Hz 7.5 kA 50 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 21 kA 50 % x Icu conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz 7.5 kA 50 % x Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 15 kA 100 % x Icu conforming to EN 60947-2 - 72 V DC 15 kA 100 % x Icu conforming to IEC 60947-2 - 72 V DC 7500 A 75 % x Icu conforming to EN 60898-1 - 230 V AC 50/60 Hz 7500 A 75 % x Icu conforming to IEC 60898-1 - 230 V AC 50/60 Hz 15 kA 50 % x Icu conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz 15 kA 50 % x Icu conforming to EN 60947-2 - 100...133 V AC 50/60 Hz 20 kA 100 % x Icu conforming to EN 60947-2 - 12...60 V DC 20 kA 100 % x Icu conforming to IEC 60947-2 - 12...60 V DC |
| 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 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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| | 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 |
| 9 mm pitches | 2 |
| Height | 91 mm |
| Width | 18 mm |
| Depth | 78.5 mm |
| Product weight | 0.125 kg |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Connections - terminals | Double terminal, top or bottom rigid wire(s) 1...25 mm ² max Double terminal, top or bottom flexible wire(s) 1...16 mm ² max |
| Wire stripping length | 14 mm top or bottom |
| Tightening torque | 2 N.m top or bottom |
| Earth-leakage protection | Without |

Environment

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|---------------------------------------|---|
| Standards | EN 60898-1 EN 60947-2 IEC 60898-1 IEC 60947-2 |
| 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 1216 - 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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| Period | 18 months |
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