

A9F83602

Miniature circuit-breaker, Acti9 iC60H, 1P+N, 2 A, B curve, 10000 A (IEC 60898-1), 70 kA (IEC 60947-2)



Main

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| Device application | Distribution |
| Range | Acti 9 |
| Product name | Acti 9 iC60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | IC60H |
| Poles description | 1P + N |
| Number of protected poles | 1 |
| Neutral position | Left |
| [In] rated current | 2 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | B |
| Breaking capacity | 10000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 70 KA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| Utilisation category | Category A conforming to EN 60947-2 Category A conforming to IEC 60947-2 |
| Suitability for isolation | Yes conforming to EN 60898-1 Yes conforming to EN 60947-2 Yes conforming to IEC 60898-1 Yes conforming to IEC 60947-2 |
| Standards | EN 60947-2 IEC 60947-2 IEC 60898-1 EN 60898-1 |

Complementary

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| Network frequency | 50/60 Hz |
| Magnetic tripping limit | 4 x In +/- 20 % |
| [Ics] rated service breaking capacity | 70 KA 100 % conforming to EN 60947-2 - 12...60 V AC 50/60 Hz 70 KA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 70 KA 100 % conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz 70 KA 100 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 7500 A 75 % conforming to EN 60898-1 - 230 V AC 50/60 Hz 7500 A 75 % conforming to IEC 60898-1 - 230 V AC 50/60 Hz 70 KA 100 % conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz 70 kA 100 % conforming to EN 60947-2 - 100...133 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 EN 60947-2 500 V AC 50/60 Hz conforming to IEC 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 mode | Fixed |

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| Mounting support | DIN rail |
| Comb busbar and distribution block compatibility | Top or bottom: YES |
| 9 mm pitches | 4 |
| Height | 85 mm |
| Width | 36 mm |
| Depth | 78.5 mm |
| Net weight | 0.25 kg |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Connections - terminals | Single terminal (top or bottom) 1...25 mm ² rigid Single terminal (top or bottom) 1...16 mm ² flexible |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 2 N.m top or bottom |
| Earth-leakage protection | Separate block |

Environment

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|---------------------------------------|---|
| IP degree of protection | IP20 conforming to IEC 60529 IP20 conforming to EN 60529 |
| Pollution degree | 3 conforming to EN 60947-2 3 conforming to IEC 60947-2 |
| Overvoltage category | IV |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 0...2000 m |
| Ambient air temperature for operation | -35...70 °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 | 258 g |
| Package 1 Height | 7.5 cm |
| Package 1 width | 3.6 cm |
| Package 1 Length | 9.4 cm |

Contractual warranty

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| Warranty | 18 months |
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