



Main

| | |
|---------------------------|--|
| Range | Acti 9 |
| Product name | Disbo iC60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | IC60H |
| Poles description | 3P |
| Number of protected poles | 3 |
| [In] rated current | 4 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 70 kA I _{cu} at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA I _{cu} at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA I _{cu} at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA I _{cu} at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 10000 A I _{cn} at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1 20 kA I _{cu} at 100...133 V DC conforming to EN/IEC 60947-2 |
| Utilisation category | Category A conforming to EN/IEC 60947-2 |

Complementary

| | |
|--|--|
| Network frequency | 50/60 Hz |
| [U _e] rated operational voltage | 440 V AC 50/60 Hz |
| Magnetic tripping limit | 8 x I _n +/- 20 % |
| [I _{cs}] rated service breaking capacity | 70 kA 100 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 70 kA 100 % conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz 70 kA 100 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 50 kA 100 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 7500 A 75 % conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz 20 kA 100 % conforming to EN/IEC 60947-2 - 100...133 V DC |
| Limitation class | 3 conforming to EN/IEC 60947-2 |
| [U _i] rated insulation voltage | 500 V AC 50/60 Hz conforming to EN/IEC 60947-2 |

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

| | |
|--|---|
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-2 |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | Trip indicator |
| Mounting mode | Clip-on |
| Mounting support | Rail |
| 9 mm pitches | 6 |
| Height | 85 mm |
| Width | 54 mm |
| Depth | 78.5 mm |
| Net weight | 0.375 kg |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Provision for padlocking | Padlockable |
| 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

| | |
|---------------------------------------|----------------------------------|
| Standards | EN/IEC 60898-1 EN/IEC 60947-2 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Pollution degree | 3 conforming to EN/IEC 60947-2 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Ambient air temperature for operation | -35...70 °C |
| Ambient air temperature for storage | -40...85 °C |

Packing Units

| | |
|------------------|----------|
| Package 1 Weight | 0.325 kg |
| Package 1 Height | 0.730 dm |
| Package 1 width | 0.530 dm |
| Package 1 Length | 0.900 dm |

Offer Sustainability

| | |
|-----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| 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 |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Halogen content performance | Halogen free product |