



### 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        | 1 A  |
| Network type              | AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | B  |
| Breaking capacity         | 70 kA I <sub>cu</sub> at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>70 kA I <sub>cu</sub> at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>70 kA I <sub>cu</sub> at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 kA I <sub>cu</sub> at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>10000 A I <sub>cn</sub> at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>20 kA I <sub>cu</sub> 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 <sub>e</sub> ] rated operational voltage        | 440 V AC 50/60 Hz  |
| Magnetic tripping limit                            | 4 x I <sub>n</sub> +/- 20 %  |
| [I <sub>cs</sub> ] rated service breaking capacity | 70 kA 100 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>70 kA 100 % conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz<br>70 kA 100 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>50 kA 100 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>7500 A 75 % conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz<br>20 kA 100 % conforming to EN/IEC 60947-2 - 100...133 V DC |
| Limitation class                                   | 3 conforming to EN/IEC 60947-2   |
| [U <sub>i</sub> ] rated insulation voltage         | 500 V AC 50/60 Hz conforming to EN/IEC 60947-2   |

|  |   |
|--|---|
| [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 <sup>2</sup> rigid<br>Single terminal (top or bottom) 1...16 mm <sup>2</sup> 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 60947-2<br>EN/IEC 60898-1 |
| 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

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 331 g     |
| Package 1 Height             | 5.5 cm    |
| Package 1 width              | 7 cm      |
| Package 1 Length             | 9 cm      |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 4         |
| Package 2 Weight             | 1.377 kg  |
| Package 2 Height             | 8.5 cm    |
| Package 2 width              | 10 cm     |
| Package 2 Length             | 22 cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 44        |
| Package 3 Weight             | 15.634 kg |
| Package 3 Height             | 30 cm     |
| Package 3 width              | 30 cm     |
| Package 3 Length             | 40 cm     |

## Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC          | Yes   |
| EU RoHS Directive           | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free                | Yes   |
| RoHS exemption information  | <a href="#">Yes</a>   |
| China RoHS Regulation       | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure    | <a href="#">Product Environmental Profile</a>   |
| 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  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|