



## Main

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|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Acti 9                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product name              | Disbo iC60                                                                                                                                                                                                                                                                                                                                                                                             |
| Product or component type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                                                                              |
| Device short name         | IC60H                                                                                                                                                                                                                                                                                                                                                                                                  |
| Poles description         | 4P                                                                                                                                                                                                                                                                                                                                                                                                     |
| Number of protected poles | 4                                                                                                                                                                                                                                                                                                                                                                                                      |
| [In] rated current        | 4 A                                                                                                                                                                                                                                                                                                                                                                                                    |
| Network type              | AC                                                                                                                                                                                                                                                                                                                                                                                                     |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                                       |
| Curve code                | B                                                                                                                                                                                                                                                                                                                                                                                                      |
| Breaking capacity         | 70 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>70 kA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>70 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>10 kA Icu at 100...133 V DC conforming to EN/IEC 60947-2<br>10000 A Icn at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| Utilisation category      | Category A conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                |

## Complementary

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                     | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                   |
| [Ue] rated operational voltage        | 440 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                          |
| Magnetic tripping limit               | 4 x In +/- 20 %                                                                                                                                                                                                                                                                                                                                                                                            |
| [Ics] 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>10 kA 100 % conforming to EN/IEC 60947-2 - 100...133 V DC |
| Limitation class                      | 3 conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                             |
| [Ui] 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                           | 8                                                                                                                               |
| Height                                 | 85 mm                                                                                                                           |
| Width                                  | 72 mm                                                                                                                           |
| Depth                                  | 78.5 mm                                                                                                                         |
| Net weight                             | 0.5 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 60898-1<br>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 | 0.448 kg |
| Package 1 Height | 0.750 dm |
| Package 1 width  | 0.720 dm |
| Package 1 Length | 0.900 dm |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| Toxic heavy metal free     | Yes                                                                                                                         |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| 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 |

## Contractual warranty

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