



### Main

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| Range                     | Acti 9                                                                                                                                                                                                                                                                                                                                                                                           |
| Range of product          | 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        | 50 A                                                                                                                                                                                                                                                                                                                                                                                             |
| Network type              | AC                                                                                                                                                                                                                                                                                                                                                                                               |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                                 |
| Curve code                | D                                                                                                                                                                                                                                                                                                                                                                                                |
| Breaking capacity code    | H                                                                                                                                                                                                                                                                                                                                                                                                |
| Breaking capacity         | 15 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>42 kA Icu conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz<br>10 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>30 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>10000 A Icn conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz<br>20 kA Icu conforming to EN/IEC 60947-2 - 100...133 V DC |
| 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                | 12 x In +/- 20 %                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [Ics] rated service breaking capacity  | 15 kA 50 % x Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>10000 A 100 % x Icu conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz<br>5 kA 50 % x Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>20 kA 100 % x Icu conforming to EN/IEC 60947-2 - 100...133 V DC<br>21 kA 50 % x Icu conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz<br>7.5 kA 50 % x Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Connection pitch                       | 18 mm Between phases                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 9 mm pitches                           | 6                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Height                                 | 85 mm                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Width                                  | 54 mm                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Depth                                  | 78.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product 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 rigid wire(s) 1...35 mm <sup>2</sup> max<br>Single terminal, top or bottom flexible wire(s) 1...25 mm <sup>2</sup> max |
| Wire stripping length    | 14 mm top or bottom                                                                                                                                   |
| Tightening torque        | 3.5 N.m top or bottom                                                                                                                                 |
| Earth-leakage protection | Separate block                                                                                                                                        |
| Compatibility code       | IC60                                                                                                                                                  |

## 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 % ( 55 °C )                   |
| Ambient air temperature for operation | -35...70 °C                      |
| Ambient air temperature for storage   | -40...85 °C                      |

## Offer Sustainability

|                                  |                                                                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                                      |
| RoHS (date code: YYWW)           | Compliant &#xA0;- since&#xA0; 1310 &#xA0;-&#xA0; Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                                                                                          |
| Product environmental profile    | Available                                                                                                                                                  |
| Product end of life instructions | Need no specific recycling operations                                                                                                                      |