

# Product datasheet

## Characteristics

# A9F55202

## Acti9 iC60H 2P 2A D Miniature Circuit Breaker



### Main

|                           |  |
|---------------------------|--|
| Range                     | Acti 9   |
| Product name              | Disbo iC60   |
| Product or component type | Miniature circuit-breaker  |
| Device short name         | IC60H  |
| Poles description         | 2P   |
| Number of protected poles | 2  |
| [In] rated current        | 2 A  |
| Network type              | AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | D  |
| 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>10 kA I <sub>cu</sub> at 100...133 V DC 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 |
| 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                             | 12 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>10000 A 100 % 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   |
| [U <sub>i</sub> ] rated insulation voltage          | 500 V AC 50/60 Hz conforming to EN/IEC 60947-2   |
| [U <sub>imp</sub> ] 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               | 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  |
| 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                      |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| RECh Regulation            | <a href="#">RECh Declaration</a>  |
| RECh 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>   |
| Circularity Profile        | No need of specific recycling operations  |
| 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 |
|----------|-----------|



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