

Product datasheet

Characteristics

A9F55301

Acti9 iC60H 3P 1A 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 | 3P |
| Number of protected poles | 3 |
| [In] rated current | 1 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | D |
| 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 | 12 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 10000 A 100 % 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 |
| [U _{imp}] 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 |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure | Product Environmental Profile |
| 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 |
|----------|-----------|



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk