

Miniature circuit breaker (MCB), Acti9 iC60L, 1P, 6A, C curve, 15000A (IEC/EN 60898-1), 25kA (IEC/EN 60947-2)

A9F94106

## Main

| *************************************** |   |  |
|---|---|--|
| Device application                      | Distribution  |  |
| Range                                   | Acti9   |  |
| product name                            | Acti9 iC60  |  |
| Product or component type               | Miniature circuit-breaker   |  |
| Device short name                       | iC60L   |  |
| Poles description                       | 1P  |  |
| Number of protected poles               | 1   |  |
| [In] rated current                      | 6 A   |  |
| Network type                            | DC<br>AC  |  |
| Trip unit technology                    | Thermal-magnetic  |  |
| Curve code                              | С   |  |
| Breaking capacity                       | 15000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 70 kA Icu at 1260 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 72 V DC conforming to EN/IEC 60947-2 25 kA Icu at 1248 V DC conforming to EN/IEC 60947-2 25 kA Icu at 220240 V AC 50/60 Hz conforming to EN/IEC 60947-2 |  |
| Utilisation category                    | Category A conforming to EN 60947-2<br>Category A conforming to IEC 60947-2   |  |
| Suitability for isolation               | Yes conforming to EN 60898-1 Yes conforming to EN 60947-2 Yes conforming to IEC 60898-1 Yes conforming to IEC 60947-2   |  |
| Standards                               | IEC 60947-2<br>EN 60947-2<br>IEC 60898-1<br>EN 60898-1  |  |

# Complementary

| Network frequency                     | 50/60 Hz  |  |
|---------------------------------------|---|--|
| Magnetic tripping limit               | 8 x ln +/- 20 %   |  |
| [Ics] rated service breaking capacity | 12.5 kA 50 % conforming to EN 60947-2 - 220240 V AC 50/60 Hz 12.5 kA 50 % conforming to IEC 60947-2 - 220240 V AC 50/60 Hz 35 kA 50 % conforming to EN 60947-2 - 1260 V AC 50/60 Hz 35 kA 50 % conforming to IEC 60947-2 - 1260 V AC 50/60 Hz 25 kA 50 % conforming to EN 60947-2 - 100133 V AC 50/60 Hz 25 kA 50 % conforming to IEC 60947-2 - 100133 V AC 50/60 Hz 25 kA 50 % conforming to IEC 60947-2 - 100133 V AC 50/60 Hz 7500 A 50 % conforming to EN 60898-1 - 230 V AC 50/60 Hz 7500 A 50 % conforming to IEC 60898-1 - 230 V AC 50/60 Hz 20 kA 100 % conforming to EN 60947-2 - 72 V DC 20 kA 100 % conforming to IEC 60947-2 - 72 V DC 25 kA 100 % conforming to EN 60947-2 - 1260 V DC 25 kA 100 % conforming to IEC 60947-2 - 1260 V DC |  |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| Limitation class                                 | 3 conforming to EN 60898-1<br>3 conforming to IEC 60898-1                                      |
|--|--|
| [Ui] rated insulation voltage                    | 500 V AC 50/60 Hz conforming to EN 60947-2<br>500 V AC 50/60 Hz conforming to IEC 60947-2      |
| [Uimp] rated impulse withstand voltage           | 6 kV conforming to EN 60947-2<br>6 kV conforming to IEC 60947-2                                |
| Contact position indicator                       | Yes  |
| Control type                                     | Toggle   |
| Local signalling                                 | Trip indicator   |
| Mounting mode                                    | Fixed  |
| Mounting support                                 | DIN rail   |
| Comb busbar and distribution block compatibility | Top or bottom: YES   |
| 9 mm pitches                                     | 2  |
| Height   | 85 mm  |
| Width  | 18 mm  |
| Depth  | 78.5 mm  |
| Net weight                                       | 0.215 kg   |
| Colour   | White  |
| Mechanical durability                            | 20000 cycles   |
| Electrical durability                            | 10000 cycles   |
| Connections - terminals                          | Single terminal (top or bottom) 125 mm² rigid Single terminal (top or bottom) 116 mm² flexible |
| Wire stripping length                            | 14 mm for top or bottom connection   |
| Tightening torque                                | 2 N.m top or bottom  |
| Earth-leakage protection                         | Without  |

| IP degree of protection               | IP20 conforming to IEC 60529<br>IP20 conforming to EN 60529 |
|---------------------------------------|---|
| Pollution degree                      | 3 conforming to EN 60947-2<br>3 conforming to IEC 60947-2   |
| Overvoltage category                  | IV  |
| Tropicalisation                       | 2 conforming to IEC 60068-1                                 |
| Relative humidity                     | 95 % at 55 °C   |
| Operating altitude                    | 02000 m   |
| Ambient air temperature for operation | -3570 °C  |
| Ambient air temperature for storage   | -4085 °C  |

# **Packing Units**

| Unit Type of Package 1       | PCE      |
|------------------------------|----------|
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 2.000 cm |
| Package 1 Width              | 7.500 cm |
| Package 1 Length             | 9.500 cm |

| Package 1 Weight             | 110.000 g |
|------------------------------|-----------|
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 12        |
| Package 2 Height             | 8.000 cm  |
| Package 2 Width              | 10.000 cm |
| Package 2 Length             | 22.500 cm |
| Package 2 Weight             | 1.378 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 132       |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 15.624 kg |

# **Contractual warranty**

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

#### Environmental Data explained >

How we assess product sustainability >

| ∅ Environmental footprint                             |                               |
|---|-------------------------------|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 8                             |
| Environmental Disclosure                              | Product Environmental Profile |

### **Use Better**

| Materials and Substances               |                                      |
|--|--------------------------------------|
| Packaging made with recycled cardboard | Yes                                  |
| Packaging without single use plastic   | Yes                                  |
| EU RoHS Directive                      | Compliant                            |
| SCIP Number                            | 26ff71d1-98cf-4280-8725-455b9a6b2fb9 |
| REACh Regulation                       | REACh Declaration                    |

### **Use Again**

| ○ Repack and remanufacture |   |
|----------------------------|---|
| Circularity Profile        | No need of specific recycling operations  |
| Take-back                  | No  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |