

# Lembar data produk

Spesifikasi



## iC60L - miniature circuit breaker - 1P - 20A - C curve

A9F94120

### 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        | 20 A                                                                                                                                                                                                                                                                                                                                                                                           |
| Network Type              | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                       |
| Trip Unit Technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                               |
| Curve Code                | C                                                                                                                                                                                                                                                                                                                                                                                              |
| Breaking Capacity         | 15000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>50 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>70 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>20 kA Icu at 60...72 V DC conforming to EN/IEC 60947-2<br>25 kA Icu at 12...60 V DC conforming to EN/IEC 60947-2<br>25 kA Icu at 220...240 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<br>Yes conforming to EN 60947-2<br>Yes conforming to IEC 60898-1<br>Yes conforming to IEC 60947-2                                                                                                                                                                                                                                                                 |
| Standards                 | EN 60898-1<br>EN 60947-2<br>IEC 60947-2<br>IEC 60898-1                                                                                                                                                                                                                                                                                                                                         |

### Complementary

|                         |                 |
|-------------------------|-----------------|
| Network Frequency       | 50/60 Hz        |
| Magnetic Tripping Limit | 8 x In +/- 20 % |

Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ics] Rated Service Breaking Capacity            | 12.5 kA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>12.5 kA 50 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz<br>35 kA 50 % conforming to EN 60947-2 - 12...60 V AC 50/60 Hz<br>35 kA 50 % conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz<br>25 kA 50 % conforming to EN 60947-2 - 100...133 V AC 50/60 Hz<br>25 kA 50 % conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz<br>7500 A 50 % conforming to EN 60898-1 - 230 V AC 50/60 Hz<br>7500 A 50 % conforming to IEC 60898-1 - 230 V AC 50/60 Hz<br>20 kA 100 % conforming to EN 60947-2 - 72 V DC<br>20 kA 100 % conforming to IEC 60947-2 - 72 V DC<br>25 kA 100 % conforming to EN 60947-2 - 12...60 V DC<br>25 kA 100 % conforming to IEC 60947-2 - 12...60 V DC |
| 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) 1...25 mm² rigid<br>Single terminal (top or bottom) 1...16 mm² flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Wire Stripping Length                            | 14 mm for top or bottom connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Tightening Torque                                | 2 N.m top or bottom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Earth-Leakage Protection                         | Without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Environment

|                                       |                                                             |
|---------------------------------------|-------------------------------------------------------------|
| 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                    | 0...2000 m                                                  |
| Ambient Air Temperature For Operation | -35...70 °C                                                 |
| Ambient Air Temperature For Storage   | -40...85 °C                                                 |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type Of Package 1       | PCE     |
| Number Of Units In Package 1 | 1       |
| Package 1 Height             | 2.0 cm  |
| Package 1 Width              | 9.2 cm  |
| Package 1 Length             | 7.2 cm  |
| Package 1 Weight             | 118.0 g |
| Unit Type Of Package 2       | BB1     |
| Number Of Units In Package 2 | 12      |
| Package 2 Height             | 8.2 cm  |
| Package 2 Width              | 9.8 cm  |
| Package 2 Length             | 22.2 cm |
| Package 2 Weight             | 1.44 kg |
| Unit Type Of Package 3       | S03     |
| Number Of Units In Package 3 | 132     |
| Package 3 Height             | 30.0 cm |
| Package 3 Width              | 30.0 cm |
| Package 3 Length             | 40.0 cm |
| Package 3 Weight             | 16.0 kg |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 12 months |
|----------|-----------|

Keberlanjutan



**Green Premium™** label adalah komitmen Schneider Electric untuk memberikan produk dengan performa lingkungan terbaik di kelasnya. Green Premium menjanjikan kepatuhan pada peraturan terbaru, transparansi pada dampak lingkungan, serta produk melingkar dan rendah CO<sub>2</sub>.

**Panduan untuk menilai keberlanjutan produk** adalah laporan resmi yang menjelaskan standar label lingkungan global dan bagaimana menafsirkan deklarasi lingkungan.

[Pelajari lebih lanjut tentang Green Premium >](#)

[Panduan untuk menilai keberlanjutan produk >](#)



Transparansi   RoHS/REACH

Kinerja kesejahteraan

|                                         |     |
|-----------------------------------------|-----|
| <div>✓</div> Mercury Free               |     |
| <div>✓</div> Rohs Exemption Information | Yes |
| <div>✓</div> Halogen Free Product       |     |

Sertifikasi & Standar

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant with Exemptions                                                                                                   |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| 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 |
| Circularity Profile      | No need of specific recycling operations                                                                                    |