

# Product datasheet

Specifications



## miniature circuit breaker - xC60 - 1 pole - 25 A - C curve

A9N1P25C

### Main

|                           |   |
|---------------------------|---|
| Device Application        | Distribution                            |
| Range Of Product          | Acti9                                   |
| Range                     | Acti9                                   |
| Product Name              | XC60                                    |
| Product Or Component Type | Miniature circuit-breaker               |
| Device Short Name         | xC60                                    |
| Poles Description         | 1P                                      |
| Number Of Protected Poles | 1                                       |
| [In] Rated Current        | 25 A                                    |
| Network Type              | DC<br>AC                                |
| Trip Unit Technology      | Thermal-magnetic                        |
| Curve Code                | C                                       |
| Utilisation Category      | Category A conforming to EN/IEC 60947-2 |
| Suitability For Isolation | Yes conforming to EN/IEC 60947-2        |

### Complementary

|  |  |
|--|--|
| Network Frequency                      | 50/60 Hz   |
| [Ue] Rated Operational Voltage         | 220...240 V AC 50/60 Hz<br>12...48 V DC<br>60 V DC   |
| Magnetic Tripping Limit                | 8 x In +/- 20 %  |
| Breaking Capacity                      | 10000 A Icn at 240 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>15 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>15 kA Icu at 12...48 V DC conforming to EN/IEC 60947-2<br>6 kA Icu at 60 V DC conforming to EN/IEC 60947-2 |
| [Ics] Rated Service Breaking Capacity  | 15 kA conforming to EN/IEC 60947-2 - 12...48 V DC<br>6 kA conforming to EN/IEC 60947-2 - 60 V DC<br>7.5 kA conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz  |
| Limitation Class                       | 3 conforming to EN/IEC 60898-1<br>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   |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|  |  |
|--|--|
| Local Signalling                                 | ON/OFF indication  |
| Mounting Mode                                    | Clip-on  |
| Mounting Support                                 | 35 mm DIN rail   |
| Comb Busbar And Distribution Block Compatibility | Top: YES   |
| 9 Mm Pitches                                     | 2  |
| Height   | 85 mm  |
| Width  | 18 mm  |
| Depth  | 77.5 mm  |
| Net Weight                                       | 0.115 kg   |
| Colour   | White  |
| Mechanical Durability                            | 20000 cycles   |
| Electrical Durability                            | 10000 cycles   |
| Connections - Terminals                          | Tunnel type terminals (bottom) 16 mm² flexible<br>Tunnel type terminals (bottom) 25 mm² rigid<br>Biconnect (top) |
| Wire Stripping Length                            | 13 mm for top or bottom connection   |
| Tightening Torque                                | 2 N.m  |
| Earth-Leakage Protection                         | Separate block   |
| Product Compatibility                            | C60 accessories<br>C60 auxiliary   |

## Environment

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Standards                             | EN/IEC 60947-2<br>EN/IEC 60898-1 |
| Ip Degree Of Protection               | IP20 conforming to IEC 60529     |
| Pollution Degree                      | 3                                |
| Tropicalisation                       | 2 conforming to IEC 60068-1      |
| Relative Humidity                     | 95 % at 55 °C                    |
| Ambient Air Temperature For Operation | -30...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 cm   |
| Package 1 Width              | 7.6 cm |
| Package 1 Length             | 8.4 cm |
| Package 1 Weight             | 100 g  |

# Sustainability




**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

## Well-being performance

|   |   |
|---|---|
|  Mercury Free                                |   |
|  Rohs Exemption Information                  | <a href="#">Yes</a>   |
|  Halogen Free Plastic Parts & Cables Product |   |
| <b>Reach Regulation</b>   | <a href="#">REACH Declaration</a>   |
| <b>Eu Rohs Directive</b>  | Compliant with Exemptions   |
| <b>China Rohs Regulation</b>  | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |