

# Product datasheet

Specifications



## miniature circuit breaker - xC60 - 2 poles - 2 A - D curve

A9N2P02D

⚠ To be discontinued on: 05-Feb-2025

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### 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         | 2P                                      |
| Number of protected poles | 2                                       |
| [In] rated current        | 2 A                                     |
| Network type              | DC<br>AC                                |
| Trip unit technology      | Thermal-magnetic                        |
| Curve code                | D                                       |
| 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         | 240 V AC 50/60 Hz<br>380...415 V AC 50/60 Hz<br>100...125 V DC   |
| Magnetic tripping limit                | 12 x In +/- 20 %   |
| Breaking capacity                      | 10000 A Icn at 240 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>10000 A Icn at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>15 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>6 kA Icu at 100...125 V DC conforming to EN/IEC 60947-2 |
| [Ics] rated service breaking capacity  | 6 kA conforming to EN/IEC 60947-2 - 100...125 V DC<br>15 kA conforming to EN/IEC 60947-2 - 380...415 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   |

|  |  |
|--|--|
| 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                                     | 4  |
| Height   | 85 mm  |
| width  | 36 mm  |
| Depth  | 77.5 mm  |
| Net weight                                       | 0.215 kg   |
| Colour   | White  |
| Mechanical durability                            | 20000 cycles   |
| Electrical durability                            | 20000 cycles   |
| Connections - terminals                          | Tunnel type terminals (bottom) 16 mm <sup>2</sup> flexible<br>Tunnel type terminals (bottom) 25 mm <sup>2</sup> 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 auxiliary<br>C60 accessories   |

## Environment

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Standards                             | EN/IEC 60898-1<br>EN/IEC 60947-2 |
| 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             | 7 cm     |
| Package 1 Width              | 4 cm     |
| Package 1 Length             | 8 cm     |
| Package 1 Weight             | 0.236 kg |

## Environmental Data

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.

[How this information helps you >](#)

### Environmental footprint

[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 with Exemptions**

REACH Regulation [REACH Declaration](#)

China RoHS Regulation [China RoHS declaration](#)

## Use Again

### Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Halogen content performance **Halogen free plastic parts & cables product**

Take-back **No**