

# Product datasheet

Specifications



## miniature circuit breaker - xC60 - 1 pole - 3 A - C curve

A9N1P03C

⚠ 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	1P
Number of protected poles	1
[In] rated current	3 A
Network type	DC 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 12...48 V DC 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 15 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 12...48 V DC conforming to EN/IEC 60947-2 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 6 kA conforming to EN/IEC 60947-2 - 60 V DC 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 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

<b>Control type</b>	Toggle
<b>Local signalling</b>	ON/OFF indication
<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	35 mm DIN rail
<b>Comb busbar and distribution block compatibility</b>	Top: YES
<b>9 mm pitches</b>	2
<b>Height</b>	85 mm
<b>width</b>	18 mm
<b>Depth</b>	77.5 mm
<b>Net weight</b>	0.115 kg
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	20000 cycles
<b>Connections - terminals</b>	Tunnel type terminals (bottom) 16 mm <sup>2</sup> flexible Tunnel type terminals (bottom) 25 mm <sup>2</sup> rigid Biconnect (top)
<b>Wire stripping length</b>	13 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m
<b>Earth-leakage protection</b>	Separate block
<b>Product compatibility</b>	C60 auxiliary C60 accessories

## Environment

<b>Standards</b>	EN/IEC 60898-1 EN/IEC 60947-2
<b>Pollution degree</b>	3
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative humidity</b>	95 % at 55 °C
<b>Ambient air temperature for operation</b>	-30...70 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7 cm
<b>Package 1 Width</b>	2 cm
<b>Package 1 Length</b>	8 cm
<b>Package 1 Weight</b>	0.118 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**