

# Product datasheet

Specifications



## miniature circuit breaker - xC60 - 2 poles - 16 A - C curve

A9N2P16C

### 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	16 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	240 V AC 50/60 Hz 380...415 V AC 50/60 Hz 100...125 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 10000 A Icn at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1 15 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 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 7.5 kA conforming to EN/IEC 60947-2 - 380...415 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
Control Type	Toggle
Local Signalling	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>	4
<b>Height</b>	85 mm
<b>Width</b>	36 mm
<b>Depth</b>	77.5 mm
<b>Net Weight</b>	0.215 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 accessories C60 auxiliary

## Environment

<b>Standards</b>	EN/IEC 60947-2 EN/IEC 60898-1
<b>Ip Degree Of Protection</b>	IP20 conforming to IEC 60529
<b>Pollution Degree</b>	3
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Overvoltage Category</b>	IV
<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>	5 cm
<b>Package 1 Width</b>	9.2 cm
<b>Package 1 Length</b>	8.4 cm
<b>Package 1 Weight</b>	220 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	6
<b>Package 2 Height</b>	8.8 cm
<b>Package 2 Width</b>	9.6 cm
<b>Package 2 Length</b>	24.2 cm

<b>Package 2 Weight</b>	1.34 kg
<b>Unit Type Of Package 3</b>	CAR
<b>Number Of Units In Package 3</b>	72
<b>Package 3 Height</b>	27.8 cm
<b>Package 3 Width</b>	30.2 cm
<b>Package 3 Length</b>	35.6 cm
<b>Package 3 Weight</b>	16.7 kg

## Sustainability

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**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 >](#)




Sustainable Packaging Transparency RoHS/REACH

## Resource performance

 Sustainable Packaging

## Well-being performance

 Rohs Exemption Information Yes

 Halogen Free Product

## Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant with Exemptions

China Rohs Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

No need of specific recycling operations