

# Product datasheet

Specifications



## miniature circuit breaker - xC60 - 2 poles - 32 A - C curve

A9N2P32C

### 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	32 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

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

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	10000 cycles
Connections - terminals	Biconnect (top) Tunnel type terminals (bottom) 25 mm² flexible Tunnel type terminals (bottom) 35 mm² rigid
Wire stripping length	13 mm for top or bottom connection
Tightening torque	3.5 N.m
Earth-leakage protection	Separate block
Product compatibility	C60 auxiliary C60 accessories
Overvoltage category	IV

## Environment

Standards	EN/IEC 60898-1 EN/IEC 60947-2
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	1 cm
Package 1 Width	1 cm
Package 1 Length	1 cm
Package 1 Weight	220 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9.4 cm
Package 2 Width	10 cm
Package 2 Length	24.8 cm

Package 2 Weight	1.4 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	72
Package 3 Height	28.2 cm
Package 3 Width	30.6 cm
Package 3 Length	36 cm
Package 3 Weight	17.48 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.


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[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 Plastic Parts & Cables Product

Certifications & Standards

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