Product datasheet

Specifications

miniature circuit breaker - xC60 - 2 poles - 6 A - C curve

A9N2P06C

⚠ To be discontinued on: 05-Feb-2025

⚠ To be discontinued

Main

Device application	Distribution
Range of product	Acti9
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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	6 A
Network type	AC DC
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
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 mm² flexible Tunnel type terminals (bottom) 25 mm² rigid 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 C60 accessories
Overvoltage category	IV

Environment

Standards	EN/IEC 60898-1 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	4.6 cm
Package 1 Width	8.2 cm
Package 1 Length	8 cm
Package 1 Weight	200 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	24.6 cm

Package 2 Weight	1.3 kg
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	16.28 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**