Product datasheet

Specifications

Green Premium™

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

A9N1P01C

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	1 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
Control Type	Toggle

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

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	2
Height	85 mm
Width	18 mm
Depth	77.5 mm
Net Weight	0.115 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 accessories C60 auxiliary

Environment

Standards	EN/IEC 60947-2 EN/IEC 60898-1
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	5.4 cm
Package 1 Width	6 cm
Package 1 Length	8.1 cm
Package 1 Weight	100 g

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

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 >

Transparency RoHS/REACh

Well-being performance

Rohs Exemption Information	Yes
Halogen Free Plastic Parts & Cables 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