

Product datasheet

Specifications



miniature circuit breaker - xC60 - 1 pole - 32 A - C curve

A9N1P32C

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	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	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
[Uij] 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	2
Height	85 mm
Width	18 mm
Depth	77.5 mm
Net Weight	0.115 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Connections - Terminals	Biconnect (top) Tunnel type terminals (bottom) 25 mm ² flexible Tunnel type terminals (bottom) 35 mm ² 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

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
Overvoltage Category	IV
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	2 cm
Package 1 Width	7.6 cm
Package 1 Length	8.4 cm
Package 1 Weight	126 g

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 [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
