Product datasheet

Specifications

Green Premium™

miniature circuit breaker - xC60 - 4 poles - 25 A - C curve

A9N4P25C

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	4P
Number Of Protected Poles	4
[In] Rated Current	25 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 220...250 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 220...250 V DC conforming to EN/IEC 60947-2
[Ics] Rated Service Breaking Capacity	7.5 kA conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 6 kA conforming to EN/IEC 60947-2 - 220...250 V DC
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	8
Height	85 mm
Width	72 mm
Depth	77.5 mm
Net Weight	0.415 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 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 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
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	9.2 cm
Package 1 Width	9.2 cm
Package 1 Length	8.4 cm
Package 1 Weight	440 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	8.6 cm
Package 2 Width	9.6 cm
Package 2 Length	24.2 cm

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Package 2 Weight	1.36 kg
Unit Type Of Package 3	CAR
Number Of Units In Package 3	36
Package 3 Height	28.4 cm
Package 3 Width	30.6 cm
Package 3 Length	36 cm
Package 3 Weight	17.12 kg

Sustainability

Green Premium^{TM} 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 >

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

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