

Product datasheet

Specifications



C120NA-DC - 2P - 100 A - 1000 V

A9N61701

Main

Range	Acti9
Range Of Product	C120
Product Or Component Type	Switch disconnecter
Product Name	C120
Device Short Name	C120NA-DC
Switch Application	Photovoltaic inverter protection Photovoltaic PV array
Poles Description	2P
Utilisation Category	DC-21B
Suitability For Isolation	Yes conforming to EN/IEC 60947-3

Complementary

[Ie] Rated Operational Current	100 A DC-21B 1000 V DC
[Ui] Rated Insulation Voltage	1000 V DC
[Uimp] Rated Impulse Withstand Voltage	6 kV
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
9 Mm Pitches	12
Height	138.3 mm
Width	108 mm
Depth	74.4 mm
Net Weight	0.96 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	300 cycles
Connections - Terminals	Pre-wired cable (downside) Tunnel terminal (upside) 35...50 mm² rigid Tunnel terminal (upside) 25...35 mm² flexible
Wire Stripping Length	15 mm
Tightening Torque	3.5 N.m

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

Compatibility Code	C120NA-DC
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Environment

Standards	EN/IEC 60947-3
Pollution Degree	2
Ambient Air Temperature For Operation	-25...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	8.1 cm
Package 1 Width	15.3 cm
Package 1 Length	15.5 cm
Package 1 Weight	968.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8.118 kg

Contractual warranty

Warranty	18 months
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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-CO₂ 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 >](#)

Well-being performance

	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	