

Product datasheet

Specifications



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

A9N61701

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

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

[I _e] rated operational current	100 A DC-21B 1000 V DC
[U _i] rated insulation voltage	1000 V DC
[U _{imp}] 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 mm ² rigid Tunnel terminal (upside) 25...35 mm ² flexible
Wire stripping length	15 mm
Tightening torque	3.5 N.m

Compatibility code	C120NA-DC
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Environment

Standards	EN/IEC 60947-3
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Pollution degree	2
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Ambient air temperature for operation	-25...70 °C
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Ambient air temperature for storage	-40...85 °C
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	8.100 cm
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Package 1 Width	15.300 cm
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Package 1 Length	15.500 cm
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Package 1 Weight	968.000 g
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Unit Type of Package 2	S03
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Number of Units in Package 2	8
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Package 2 Height	30.000 cm
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Package 2 Width	30.000 cm
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Package 2 Length	40.000 cm
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Package 2 Weight	8.118 kg
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Contractual warranty

Warranty (in months)	18
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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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better



Materials and Packaging

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

SCIP Number

0b3bf5e2-153f-4573-8bfa-c57afa160c15

EU RoHS Directive

[Compliant](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Halogen-free status

Product contains halogen above thresholds

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Take-back

No

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins