Product data sheet
Characteristics

A9N61701
C120NA-DC - 2P - 100 A - 1000 V



Main

Range	Acti9
Range of product	C120
Product or component type	Switch disconnector
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
Compatibility code	C120NA-DC

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	8.100 Cm
Package 1 Width	15.300 Cm
Package 1 Length	15.500 Cm
Package 1 Weight	968.000 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
Unit Type of Package 3	P12
Number of Units in Package 3	64
Package 3 Height	45.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	77.000 Kg

Offer Sustainability

Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	0b3bf5e2-153f-4573-8bfa-c57afa160c15
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and Nickel (Metallic), which
OECD PFAS Regulation	Item contains PFAS Chemicals
POP Directive	No POPs
Halogen-free status	Product contains halogen above thresholds
Silicone-free	No
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised