



### Main

Switch application	Photovoltaic inverter protection Photovoltaic PV array
Range	Acti 9
Range of product	C120
Product or component type	Switch disconnecter
Product name	C120
Device short name	C120NA-DC
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 mm <sup>2</sup> rigid Tunnel terminal (upside) 25...35 mm <sup>2</sup> 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 Weight	968 g
Package 1 Height	8.1 cm
Package 1 width	15.3 cm
Package 1 Length	15.5 cm

Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Weight	5.808 kg
Package 2 Height	9.5 cm
Package 2 width	8.5 cm
Package 2 Length	33 cm
Unit Type of Package 3	S03
Number of Units in Package 3	8
Package 3 Weight	8.118 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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