



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 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	5.44 in (138.3 mm)
Width	4.25 in (108 mm)
Depth	2.93 in (74.4 mm)
Net Weight	2.12 lb(US) (0.96 kg)
Color	White
Mechanical durability	20000 cycles
Electrical durability	300 cycles
Connections - terminals	Pre-wired cable downside) Tunnel terminal upside) 0.05...0.08 in ² (35...50 mm ²) rigid Tunnel terminal upside) 0.04...0.05 in ² (25...35 mm ²) flexible
Wire stripping length	0.59 in (15 mm)
Tightening torque	30.98 lbf.in (3.5 N.m)
Compatibility code	C120NA-DC

Environment

Standards	EN/IEC 60947-3
Pollution degree	2
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)

Ordering and shipping details

Category	US10DE200908
Discount Schedule	0DE2
GTIN	3606480654657
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.19 in (8.1 cm)
Package 1 Width	6.02 in (15.3 cm)
Package 1 Length	6.10 in (15.5 cm)
Package 1 Weight	34.14 oz (968.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	17.90 lb(US) (8.118 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
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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