Product data sheet
Characteristics

A9N61690
switch disconnector, Acti9 C60NA-DC, photovoltaic, 2P, 50A for 700VDC, 32A for 800VDC and 20A for 1000VDC



Main

Range	Acti9
Range of product	C60
Product or component type	Switch disconnector
Product name	C60
Device short name	C60NA-DC
Switch application	Photovoltaic PV array Photovoltaic inverter protection
Poles description	2P
Utilisation category	DC-21B
Suitability for isolation	Yes conforming to EN/IEC 60947-3

Complementary

[Ie] rated operational current	20 A DC-21B 1000 V DC 32 A DC-21B 800 V DC 50 A DC-21B 700 V DC
Drop-out voltage	100 MV 5.02 mOhm 2 W 20 A 151 MV 5.02 mOhm 4.53 W 30 A 201 MV 5.02 mOhm 8.04 W 40 A 251 MV 5.02 mOhm 12.55 W 60 A
[Ui] rated insulation voltage	1000 V DC
[Uimp] rated impulse withstand voltage	6 KV
Polarity sensitivity	No (can protect against bi-directional current)
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	132.7 Mm
Width	72 Mm
Depth	77.4 Mm
Net weight	0.545 Kg
Colour	White
Mechanical durability	20000 Cycles
Electrical durability	300 Cycles
Connections - terminals	Tunnel terminal (upside) 1…35 mm² rigid Tunnel terminal (upside) 1…25 mm² flexible Pre-wired cable (downside)
Wire stripping length	14 Mm

Tightening torque	3.5 N.M
Compatibility code	C60NA-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	8.500 Cm
Package 1 Width	7.800 Cm
Package 1 Length	14.500 Cm
Package 1 Weight	562.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	30
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	17.460 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	240
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	149.680 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	8ffcc7f0-ddb1-4d14-b923-d6714d6bc175
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	No need of specific recycling operations
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