

Product data sheet

Specifications



Repacked, switch disconnecter,
Acti9 C60NA-DC, 2P, 50A
(700VDC), 32A (800VDC) and 20A
(1000VDC)

A9N61690W



This repacked option saves 4.955 over the
standard condition

Main

Range	Acti9
Range of product	C60
Product or component type	Switch disconnecter
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
Voltage Drop	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
Product weight	0.545 kg
Colour	White
Mechanical durability	20000 cycles

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 cm
Package 1 Width	7.5 cm
Package 1 Length	13.6 cm
Package 1 Weight	565 g
Unit Type of Package 2	S03
Number of Units in Package 2	30
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	17.797 kg
Unit Type of Package 3	P12
Number of Units in Package 3	240
Package 3 Height	50 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	147.9 kg

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

Lower carbon footprint

5 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

E26d0ae4-a527-4279-8c8b-5376ccb4b5f5

EU RoHS Directive

[Compliant](#)

REACH Regulation

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

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



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