

# Product datasheet

Specifications



switch disconnecter. Acti9 C60NA-DC. photovoltaic. 2P. 50A for 700VDC. 32A for 800VDC and 20A for 1000VDC

A9N61690

**Price: 1,492.58 ZAR**

## 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
Net weight	0.545 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	300 cycles

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Connections - terminals</b>	Tunnel terminal (upside) 1...35 mm <sup>2</sup> rigid Tunnel terminal (upside) 1...25 mm <sup>2</sup> flexible Pre-wired cable (downside)
<b>Wire stripping length</b>	14 mm
<b>Tightening torque</b>	3.5 N.m
<b>Compatibility code</b>	C60NA-DC

## Environment

<b>Standards</b>	EN/IEC 60947-3
<b>Pollution degree</b>	2
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	8.500 cm
<b>Package 1 Width</b>	7.800 cm
<b>Package 1 Length</b>	14.500 cm
<b>Package 1 Weight</b>	562.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	30
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	17.460 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	240
<b>Package 3 Height</b>	75.000 cm
<b>Package 3 Width</b>	60.000 cm
<b>Package 3 Length</b>	80.000 cm
<b>Package 3 Weight</b>	149.680 kg

## Contractual warranty

<b>Warranty (in months)</b>	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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

[EU RoHS Directive](#)

Compliant

SCIP Number

8ffcc7f0-ddb1-4d14-b923-d6714d6bc175

REACH Regulation

[REACH Declaration](#)

Halogen-free status

Product contains halogen above thresholds

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

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 never end up in rubbish bins