

# Product data sheet

Specifications



## C60 NA DC - 2P - 50 A - 300 V

MGN61690

⚠ Discontinued on: Oct 20, 2020

⚠ Discontinued

### Main

Range of product	C60
Product or component type	Switch disconnecter
Device short name	C60NA-DC
Switch application	Photovoltaic PV array
Poles description	2P
Utilisation category	DC-21A
Suitability for isolation	Yes EN/IEC 60947-3

### Complementary

[Ie] rated operational current	20 A DC-21A 650 V DC 30 A DC-21A 500 V DC 40 A DC-21A 400 V DC 50 A DC-21A 300 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
[Ue] rated operational voltage	300 V DC 400 V DC 500 V DC 650 V DC
[Ui] rated insulation voltage	1000 V DC
[Uimp] rated impulse withstand voltage	6 kV
Control type	Toggle
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	8
Height	5.2 in (132.7 mm)
Width	2.8 in (72 mm)
Depth	3.05 in (77.4 mm)
Product weight	1.17 lb(US) (0.53 kg)
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	1500 cycles

<b>Connections - terminals</b>	Tunnel terminal upside) 0.002...0.05 in <sup>2</sup> (1...35 mm <sup>2</sup> ) rigid Tunnel terminal upside) 0.002...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) flexible Pre-wired cable downside)
<b>Tightening torque</b>	31.0 lbf.in (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>	-13...158 °F (-25...70 °C)
<b>Ambient air temperature for storage</b>	-40...185 °F (-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>	3.1 in (8 cm)
<b>Package 1 Width</b>	3.0 in (7.5 cm)
<b>Package 1 Length</b>	5.6 in (14.1 cm)
<b>Package 1 Weight</b>	21.02 oz (596 g)

## 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 >](#)

### 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