



Main

Switch application	Photovoltaic PV array Photovoltaic inverter protection
Range	Acti 9
Range of product	C60
Product or component type	Switch disconnecter
Product name	C60
Device short name	C60NA-DC
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
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 Weight	572 g
Package 1 Height	8 cm
Package 1 width	7.5 cm
Package 1 Length	13.6 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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