



Main

Range of product	C60
Product or component type	Miniature circuit-breaker
Device short name	C60PV-DC
Poles description	2P
Number of protected poles	2
Network type	DC
Curve code	B
Utilisation category	Category A conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2

Complementary

[In] rated current	8 A
Voltage Drop	1384 mV 173 mOhm 11.1 W 8 A
[Ue] rated operational voltage	800 V DC
Magnetic tripping limit	5.5 x In
Breaking capacity	3 kA Icu at 650 V DC 1.5 kA Icu at 800 V DC
[Ics] rated service breaking capacity	1.5 kA 100 % - 800 V DC 3 kA 100 % - 650 V DC
[Ui] rated insulation voltage	1000 V DC
[Uimp] rated impulse withstand voltage	6 kV
Polarity sensitivity	No (can protect against bi-directional current)
Contact position indicator	Yes
Control type	Toggle
Mounting mode	Fixed
Mounting support	35 mm symmetrical 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	1500 cycles L/R = 2 ms
Locking options description	Padlocking in OFF position
Connections - terminals	Tunnel terminal (downside) 1...25 mm ² rigid Tunnel terminal (downside) 1...16 mm ² flexible Pre-wired cable (upside)
Wire stripping length	14 mm
Tightening torque	2.5 N.m
Market segment	Small commercial Residential
Compatibility code	C60PV-DC


Environment

Standards	EN/IEC 60947-2
Pollution degree	2
Relative humidity	95 % at 55 °C
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	572 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	16.73 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	240
Package 3 Height	15 cm
Package 3 Width	80 cm
Package 3 Length	60 cm
Package 3 Weight	2493.92 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months
----------	-----------