



### 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
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 <sup>2</sup> rigid Tunnel terminal (downside) 1...16 mm <sup>2</sup> flexible Pre-wired cable (upside)
Wire stripping length	14 mm
Tightening torque	2.5 N.m
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

Package 1 Weight	545.000 g
Package 1 Height	80.000 mm
Package 1 width	75.000 mm
Package 1 Length	136.000 mm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Contractual warranty

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