

Product datasheet

Specifications



Miniature circuit breaker (MCB),
Acti9 C60PV-DC, 2P, 16A, B curve,
1.5kA (IEC/EN 60947-2)

A9N61651

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	16 A
Voltage Drop	648 mV 40.5 mOhm 10.4 W 16 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 mm² rigid Tunnel terminal (downside) 1...16 mm² flexible Pre-wired cable (upside)
Wire stripping length	14 mm
Tightening torque	2.5 N.m
Market segment	Residential Small commercial
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	8.200 cm
Package 1 Width	7.500 cm
Package 1 Length	13.500 cm
Package 1 Weight	528.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	30
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	16.474 kg

Contractual warranty

Warranty (in months)	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

Total lifecycle Carbon footprint	61 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	56 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	A5974528-db7a-4dab-baff-e3d40953a6f2
EU RoHS Directive	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Product contains halogen above thresholds

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	53
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