Product datasheet

Specifications

Green Premium™

Miniature circuit breaker (MCB), Acti9 C60PV-DC, 2P, 5A, C curve, 1.5kA (IEC/EN 60947-2)

A9N61656

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	C
Utilisation Category	Category A conforming to EN/IEC 60947-2
Suitability For Isolation	Yes conforming to EN/IEC 60947-2

Complementary

[In] Rated Current	5 A
Voltage Drop	2000 mV 400 mOhm 10 W 5 A
[Ue] Rated Operational Voltage	800 V DC
Magnetic Tripping Limit	8.5 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 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	17.017 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

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

- Toxic Heavy Metal Free
- Mercury Free
- Rohs Exemption Information — Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations