Product datasheet

Specifications

Green Premium™

Miniature circuit breaker (MCB), Acti9 C60PV-DC, 2P, 20A, B curve, 1.5kA (IEC/EN 60947-2)

A9N61652

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	20 A
Voltage Drop	588 mV 29.4 mOhm 11.8 W 20 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 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	16.653 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
Circularity Profile	No need of specific recycling operations