

Product datasheet

Specifications



SW60-DC - 2P - 50 A - 1000 V

A9N61699

Price: 3,602.52 ZAR

Main

Range Of Product	SW60
Product Or Component Type	Switch disconnecter
Device Short Name	SW60-DC
Switch Application	Photovoltaic inverter protection
Poles Description	2P
Utilisation Category	DC-21A
Suitability For Isolation	Yes conforming to EN/IEC 60947-3

Complementary

[Ie] Rated Operational Current	50 A DC-21A 1000 V DC 40 °C 63 A DC-21A 1000 V DC 5 °C 61 A DC-21A 1000 V DC 10 °C 60 A DC-21A 1000 V DC 15 °C 58 A DC-21A 1000 V DC 20 °C 56 A DC-21A 1000 V DC 25 °C 54 A DC-21A 1000 V DC 30 °C 52 A DC-21A 1000 V DC 35 °C 48 A DC-21A 1000 V DC 45 °C 46 A DC-21A 1000 V DC 50 °C 41 A DC-21A 1000 V DC 60 °C 35 A DC-21A 1000 V DC 70 °C
Voltage Drop	251 mV 5.02 mOhm 12.54 W 50 A
[Ui] Rated Insulation Voltage	1000 V DC
[Uimp] Rated Impulse Withstand Voltage	6 kV
Polarity Sensitivity	Yes (+ and - has to be respected for connection)
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	0.53 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	3000 cycles

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Connections - Terminals	Tunnel terminal (upside) 1...35 mm ² rigid Tunnel terminal (upside) 1...25 mm ² flexible Pre-wired cable (downside)
Tightening Torque	3.5 N.m
Compatibility Code	SW60-DC

Environment

Standards	EN/IEC 60947-3
Pollution Degree	2
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	17.347 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	240
Package 3 Height	50 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	150.78 kg

Contractual warranty

Warranty	18 months
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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-CO₂ products.

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

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[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](#)