



Main

Switch application	Photovoltaic inverter protection
Range of product	SW60
Product or component type	Switch disconnector
Device short name	SW60-DC
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
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
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

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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	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile

Contractual warranty

Warranty	18 months
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