



Main

Switch application	Photovoltaic inverter protection
Range of product	SW60
Product or component type	Switch disconnecter
Device short name	SW60-DC
Poles description	2P
Utilisation category	DC-21A
Suitability for isolation	Yes EN/IEC 60947-3

Complementary

[Ie] rated operational current	35 A DC-21A 1000 V DC 70 °C 41 A DC-21A 1000 V DC 60 °C 46 A DC-21A 1000 V DC 50 °C 48 A DC-21A 1000 V DC 45 °C 52 A DC-21A 1000 V DC 35 °C 54 A DC-21A 1000 V DC 30 °C 56 A DC-21A 1000 V DC 25 °C 58 A DC-21A 1000 V DC 20 °C 60 A DC-21A 1000 V DC 15 °C 61 A DC-21A 1000 V DC 10 °C 63 A DC-21A 1000 V DC 5 °C 50 A DC-21A 1000 V DC 40 °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
Product weight	0.53 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	3000 cycles
Connections - terminals	Pre-wired cable downside Tunnel terminal upside 1...25 mm ² flexible Tunnel terminal upside 1...35 mm ² rigid
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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 1310 - Schneider Electric declaration of conformity
