

PRODUCT-DETAILS

# S802PV-M100-H

# S802PV-M100-H



## General Information

Extended Product Type	S802PV-M100-H
Product ID	2CCP247212R0001
EAN	7612271419301
Catalog Description	S802PV-M100-H
Long Description	The S802PV-M100-H is a 2-pole polarized disconnecter for photovoltaics. It can be used for currents up to 100A and has a rated operational voltage of 1000V DC by only 54mm width. The rated short-term withstand current $I_{cw}$ is 1.5kA. The S802PV-M100-H complies with IEC/EN 60947-3. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S802PV-M100-H more comfortable.

## Technical

Standards	IEC/EN 60947-3
Number of Poles	2
Rated Current ( $I_n$ )	100 A
Rated Operational Voltage	800...800 V
Power Loss	1.2 W at Rated Operating Conditions per Pole 0.6 W
Rated Insulation Voltage ( $U_i$ )	1500 V DC
Overvoltage Category	IV
Pollution Degree	2
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV

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Housing Material	Insulation group I, RAL 7035
Actuator Marking	I / O
Contact Position Indication	ON / OFF / TRIP
Degree of Protection	IP20
Terminal Type	Screw Terminals
Connecting Capacity	Flexible 1 ... 50 mm <sup>2</sup> Stranded 1 ... 70 mm <sup>2</sup>
Tightening Torque	3.5 N·m
Recommended Screw Driver	Pozidriv 2
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	Any

## Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27	5 g 30 ms
Resistance to Vibrations acc. to IEC 60068-2-6	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le
Environmental Conditions	Damp Heat Cyclic acc. to IEC 60068-2-30 12+12 cycle Damp Heat Cyclic acc. to IEC 60068-2-30 55°C @ 90-96% Damp Heat Cyclic acc. to IEC 60068-2-30 25°C @ 90-100% Dry Heat Test B acc. to IEC 60068-2-2 16 hour @ 55 °C Dry Heat Test B acc. to IEC 60068-2-2 2 hour @ 70 °C
RoHS Status	Following EU Directive 2011/65/EU

## Dimensions

Product Net Width	54 mm
Product Net Depth / Length	82.5 mm
Product Net Height	95 mm
Product Net Weight	490 g

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Depth / Length	60 mm
Package Level 1 Height	99 mm
Package Level 1 Gross Weight	450 g
Package Level 1 EAN	7612271419301

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362020

## Certificates and Declarations (Document Number)

Declaration of	2CCC413007D0201
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## Conformity - CE

Environmental Information	2CCY413207D0203
Instructions and Manuals	9AKK107046A5390
RoHS Information	2CCC413007D0201 9AKK107680A3903

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**Popular Downloads**

Data Sheet, Technical Information	2CCC413003C0208
Instructions and Manuals	9AKK107046A5390

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**Classifications**

Object Classification Code	F
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter

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**Categories**

Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling devices → Switch Disconnectors

Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs

