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## S802PV-M63-H

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### General Information

**Extended Product Type:**

S802PV-M63-H

**Product ID:**

2CCP247205R0001

**EAN:**

7612271419042

**Catalog Description:**

High Performance MCB

**Long Description:**

The S802PV-M63-H is a 2-pole polarized disconnecter for photovoltaics. It can be used for currents up to 63A 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-M63-H complies with IEC/EN 60947-3. It has numerous of appr... [Show more](#)

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(800 V DC) 5 kA

**Rated Short-Circuit Making Capacity ( $I_{cm}$ ):**

(1000 V DC) 0.5 kA

**Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):**

(800 V DC) 5 kA

**Contact Position Indication:**

ON / OFF / TRIP

**Number of Poles:**

2P

**Number of Switches:**

8500

**Tightening Torque:**

3.5 N·m

**Actuator Marking:**

I / O

**Recommended Screw Driver:**

Pozidriv 2

**Connecting Capacity:**Flexible 0...50 mm<sup>2</sup>Rigid 0...70 mm<sup>2</sup>**Terminal Type:**

Screw Terminals

**Electrical**

**Rated Operational Voltage:**

1000 V DC

**Rated Insulation Voltage (U<sub>i</sub>):**

acc. to IEC/EN 60664-1 1500 V DC

**Rated Impulse Withstand Voltage (U<sub>imp</sub>):**

8 kV

**Rated Current (I<sub>n</sub>):**

63 A

**Rated Short-time Withstand Current Low Voltage (I<sub>cw</sub>):**

1.5 kA

**Rated Uninterrupted Current (I<sub>u</sub>):**

63 A

**Power Loss:**

1.8 W

at Rated Operating Conditions per Pole 0.9 W

**Overvoltage Category:**

IV

## Design

**Housing Material:**

Insulation group I, RAL 7035

**Control Element Color:**

Black

## Material Compliance

**RoHS Information:**[RoHS\\_confirmation\\_22072019](#)[EU Declaration of Conformity - S800PV-SD, -M, -H](#)**RoHS Status:**

Following EU Directive 2011/65/EU

**RoHS Date:**

20170426

**REACH Declaration:**[REACH Declaration for S800 and its accessories](#)**REACH Information:**

False - does not contain substances &gt; 0.1 mass percentage

**REACH Date:**

20200527

**Conflict Minerals Reporting Template (CMRT):**[Conflict Minerals Reporting Template](#)**WEEE Category:**

5. Small Equipment (No External Dimension More Than 50 cm)

**WEEE B2C / B2B:**

Business To Business

## Environmental

**Ambient Air Temperature:**

Operation -25 ... +60 °C

Storage -40 ... +70 °C

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**Degree of Protection:**

IP20

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**Pollution Degree:**

2

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**Resistance to Vibrations:**

1 mm 2 - 13.2 Hz

0.7g with Load 100% x 1e 13.2 - 100 Hz

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**Resistance to Shock acc. to IEC 60068-2-27:**

5 g

30 ms

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**Environmental Information:**

[2CCY413207D0203](#)

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## Dimensions

**Width in Number of Modular Spacings:**

3

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**Product Net Width:**

54 mm

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**Product Net Height:**

95 mm

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**Product Net Depth / Length:**

82.5 mm

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**Product Net Weight:**

490 g

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**Built-In Depth (t<sub>2</sub>):**

82.5 mm

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## Ordering

**Package Level 1 Units:**

box 1 piece

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**Package Level 1 Gross Weight:**

520 g

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## Certificates and Declarations

**CB Certificate:**

[CB for S800PV-M-H](#)

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**CCC Certificate:**

[CQC Certificate, Switch-disconnector, S802PV-M32-H, S802PV-M63-H, S802PV-M100-H, Made in Switzerland](#)

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**Declaration of Conformity - CE:**

[EU Declaration of Conformity - S800PV-SD, -M, -H](#)

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**VDE Certificate:**

[VDE Certificate S800PV-M-H](#)

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## Installation

**Instructions and Manuals:**

[Instruction Manual S800 range](#)

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**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

**Popular Downloads**

**Data Sheet, Technical Information:**

[Global Product Catalogue 2024 - MCBs](#)

[Global Product Catalogue 2024 - Accessories for MCBs and RCDs](#)

[Global Technical Details 2024 - MCBs](#)

**External Classifications and Standards**

**ETIM 9:**

EC000216 - Switch disconnecter (low voltage)

**eClass:**

V11.0 : 27371403

**Object Classification Code:**

F

**Standards:**

IEC/EN 60947-3



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