



 PRODUCT-DETAILS

S802PV-M100-H

S802PV-M100-H High Performance MCB



General Information

Extended Product Type	S802PV-M100-H
Product ID	2CCP247212R0001
EAN	7612271419301
Catalog Description	S802PV-M100-H High Performance MCB

Long Description	<p>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.</p>
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Technical

Standards	IEC/EN 60947-3
Rated Voltage (U_r)	acc. to IEC 60947-3 1000 V DC
Rated Operational Voltage	1000 V DC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1500 V DC

Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Current (I_n)	100 A
Rated Operational Current (I_e)	100 A
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V DC) 0.5 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	1.5 kA
Rated Uninterrupted Current (I_u)	100 A
Power Loss	1.2 W at Rated Operating Conditions per Pole 0.6 W
Contact Position Indication	ON / OFF / TRIP
Number of Poles	2
Number of Switches	8500
Overvoltage Category	IV
Tightening Torque	3.5 N·m
Actuator Marking	I / O
Housing Material	Insulation group I, RAL 7035
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
Recommended Screw Driver	Pozidriv 2
Control Element Color	Black
Connecting Capacity	Flexible 0...50 mm ² Rigid 0...70 mm ²
Terminal Type	Screw Terminals

Material Compliance

RoHS Information	9AKK107680A3903 2CCC005117D0201
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20170426
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	2
Resistance to Vibrations	1 mm 2 - 13.2 Hz 0.7g with Load 100% x le 13.2 - 100 Hz
Resistance to Shock acc. to IEC 60068-2-27	5 g 30 ms
Environmental Information	2CCY413207D0203

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	54 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	490 g

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	520 g
E-Number (Finland)	3601711

Certificates and Declarations

Declaration of Conformity - CE	2CCC005117D0201
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Installation

Instructions and Manuals	9AKK107046A5390
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Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560
	9AKK108468A9561
	9AKK108468A9562

Classifications

ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27371403
Object Classification Code	F

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 → High Performance Circuit Breakers HPCBs

