

PRODUCT-DETAILS

S802PV-M32-H

S802PV-M32-H High Performance MCB



General Information

Extended Product Type	S802PV-M32-H
Product ID	2CCP247204R0001
EAN	7612271419035
Catalog Description	S802PV-M32-H High Performance MCB
Long Description	The S802PV-M32-H is a 2-pole polarized disconnecter for photovoltaics. It can be used for currents up to 32A 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-M32-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-M32-H more comfortable.

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)	32 A
Rated Operational Current (I_e)	32 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)	32 A
Power Loss	3.6 W at Rated Operating Conditions per Pole 1.8 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

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	2
Resistance to Vibrations acc. to IEC 60068-2-6	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x l_e
Resistance to Shock acc. to IEC 60068-2-27	5 g 30 ms
RoHS Status	Following EU Directive 2011/65/EU
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

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Height	99 mm
Package Level 1 Depth / Length	60 mm

Package Level 1 Gross Weight	520 g
Package Level 1 EAN	7612271419035

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
Country of Origin	Switzerland (CH)

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC005117D0201
Environmental Information	2CCY413207D0203
Instructions and Manuals	9AKK107046A5390
RoHS Information	9AKK107680A3903 2CCC005117D0201

Popular Downloads

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

Classifications

ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
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

