



 PRODUCT-DETAILS

S802PV-M32-H

High Performance MCB



General Information

Extended Product Type	S802PV-M32-H
Product ID	2CCP247204R0001
EAN	7612271419035
Catalog Description	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.

ABB EcoSolutions

Environmental Product Declaration - EPD	9AKK108470A1698 9AKK108470A1697
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Technical

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(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 ² Rigid 0...70 mm ²
Terminal Type	Screw Terminals

Electrical

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 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
Overvoltage Category	IV

Design

Housing Material	Insulation group I, RAL 7035
Control Element Color	Black

Material Compliance

RoHS Information	9AKK107680A3903 2CCC005117D0201
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20170426
REACH Declaration	9AKK108468A3036
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20200527
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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
Built-In Depth (t ₂)	82.5 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	520 g

Certificates and Declarations

CB Certificate	9AKK107680A0853
CCC Certificate	CQC2013010302632074
Declaration of Conformity - CE	2CCC005117D0201
VDE Certificate	9AKK107680A0854

Installation

Instructions and Manuals	2CCC413016M0008
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	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562
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External Classifications and Standards

ETIM 9	EC000216 - Switch disconnecter (low voltage)
eClass	V11.0 : 27371403
Object Classification Code	F
Standards	IEC/EN 60947-3

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



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