



 PRODUCT-DETAILS

S802PV-M32-H

S802PV-M32-H



General Information

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

Long Description

The S802PV-M32-H is a 2-pole polarized disconnect 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

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| Environmental Product Declaration - EPD | 9AKK108470A1698 9AKK108470A1697 |
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Technical

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|---|---|
| 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

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|---|---|
| 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 | Total 3.6 W at Rated Operating Conditions per Pole 1.8 W |
| Overvoltage Category | IV |

Design

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

Material Compliance

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|---|--|
| RoHS Declaration | 2CCC005117D0201 |
| RoHS Information | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date | 20211214 |
| REACH Declaration | 9AKK108470A9089 |
| REACH Information | False - does not contain substances > 0.1 mass percentage |
| REACH Date | 20250313 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Business |

Environmental

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| Ambient Air Temperature | Operation -40 ... 70 °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

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|-------------------------------------|---------|
| 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 |

Engineering

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| EPLAN Data | 9AAC172533_EPLAN |
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Ordering

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

Certificates and Declarations

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

Installation

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|--------------------------|--|
| 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

External Classifications and Standards

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|-------------------------------|--|
| ETIM 9 | EC000216 - Switch disconnecter (low voltage) |
| ETIM 10 | EC000216 - Switch disconnecter (AC) |
| UNSPSC | 39121603 |
| 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 - S800

