

PRODUCT-DETAILS

# S802PV-M100-H

## S802PV-M100-H High Performance MCB



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | S802PV-M100-H   |
| Code de produit              | 2CCP247212R0001   |
| EAN                          | 7612271419301   |
| Description courte           | S802PV-M100-H High Performance MCB  |
| Description longue           | <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.</p> <p>The rated short-term withstand current <math>I_{cw}</math> 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> |

### Technique

|   |                                  |
|---|----------------------------------|
| Normes et standards                               | IEC/EN 60947-3                   |
| Tension nominale ( $U_n$ )                        | acc. to IEC 60947-3 1000 V DC    |
| Tension   | 1000 V DC                        |
| Tension assignée d'isolement ( $U_i$ )            | acc. to IEC/EN 60664-1 1500 V DC |
| Tension assignée de tenue aux chocs ( $U_{imp}$ ) | 8 kV                             |
| Courant nominal ( $I_n$ )                         | 100 A                            |

|   |  |
|---|--|
| Courant nominal de fonctionnement ( $I_e$ )             | 100 A  |
| Rated Short-Circuit Making Capacity ( $I_{cm}$ )        | (1000 V DC) 0.5 kA   |
| Courant assigné de courte durée admissible ( $I_{cw}$ ) | 1.5 kA   |
| Courant assigné ininterrompu ( $I_u$ )                  | 100 A  |
| Power Loss  | 1.2 W<br>at Rated Operating Conditions per Pole 0.6 W  |
| Contact Position Indication                             | ON / OFF / TRIP  |
| Nombre de pôles   | 2  |
| Number of Switches                                      | 8500   |
| Catégorie de Surtension                                 | IV   |
| Couple de serrage                                       | 3.5 N·m  |
| Actuator Marking  | I / O  |
| Qualité du matériau                                     | Insulation group I, RAL 7035   |
| Montage sur rail DIN                                    | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715<br>TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Type d'encastrement                                     | Any  |
| Recommended Screw Driver                                | Pozidriv 2   |
| Control Element Color                                   | Black  |
| Connecting Capacity                                     | Flexible 0...50 mm <sup>2</sup><br>Rigid 0...70 mm <sup>2</sup>  |
| Type de borne   | Screw Terminals  |

## Environnement

|  |   |
|--|---|
| Température de l'air ambiant                   | Operation -25 ... +60 °C<br>Storage -40 ... +70 °C        |
| Indice de protection                           | IP20  |
| Degré de pollution                             | 2   |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le |
| Résistance aux chocs selon CEI 60068-2-27      | 5 g<br>30 ms  |
| Statut RoHS                                    | Following EU Directive 2011/65/EU                         |
| Informations RoHS                              | 9AKK107680A3903<br>2CCC005117D0201                        |
| Informations environnementales                 | 2CCY413207D0203   |
| Conflict Minerals Reporting Template (CMRT)    | 9AKK108468A3363   |

## Dimensions

|                                     |   |
|-------------------------------------|---|
| Width in Number of Modular Spacings | 3 |
|-------------------------------------|---|

|                      |         |
|----------------------|---------|
| Produit Largeur Net  | 54 mm   |
| Produit Hauteur Net  | 95 mm   |
| Produit Longueur Net | 82.5 mm |
| Poids net            | 490 g   |

## Commande

|                              |             |
|------------------------------|-------------|
| Emballage Niveau 1<br>Unités | box 1 pièce |
| Emballage Niveau 1 Poids     | 520 g       |
| E-Number (Finland)           | 3601711     |

## Certificats et Déclarations (Numéro de document)

|                                   |                 |
|-----------------------------------|-----------------|
| Déclaration de Conformité<br>- CE | 2CCC005117D0201 |
|-----------------------------------|-----------------|

## Installation

|                         |                 |
|-------------------------|-----------------|
| Instructions et manuels | 9AKK107046A5390 |
|-------------------------|-----------------|

## Downloads Préférés

|   |                 |
|---|-----------------|
| Fiche produit, informations<br>techniques | 2CCC413003C0208 |
|---|-----------------|

## Classifications

|                                   |  |
|-----------------------------------|--|
| ETIM 8                            | EC000216 - Switch disconnecter                             |
| ETIM 9                            | EC000216 - Switch disconnecter (low voltage)               |
| Catégorie DEEE                    | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B                    | Business To Business                                       |
| CN8                               | 85362020   |
| eClass                            | V11.0 : 27371403   |
| Code de classification<br>d'objet | F  |

## Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Command and Signalling Devices → Switch Disconnectors

Produits basse tension → Appareillage modulaire et parafoudres → High Performance Circuit Breakers HPCBs → Disjoncteurs ≤125A S800/S500

