

PRODUCT-DETAILS

# S802PV-SP80

## S802PV-SP80 High Performance MCB



### Informations générales

|                              |                                  |
|------------------------------|----------------------------------|
| Extension du type de produit | S802PV-SP80                      |
| Code de produit              | 2CCF019606R0001                  |
| EAN                          | 7612271471378                    |
| Description courte           | S802PV-SP80 High Performance MCB |

|                    |  |
|--------------------|--|
| Description longue | <p>The S802PV-SP80 is a 2-pole High Performance Circuit breaker for photovoltaics (DC) with B-characteristic, with cage terminal and a rated current of 80 A. It is a current limiting device with a maximum breaking capacity of 5kA at 800V. It can be used for voltages up to 800V DC. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S802PV-SP80 complies with IEC/EN 60947-2 and allows the use for industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S802PV-SP80 more comfortable. Due to the fast arc extinction of S802PV-SP80 your application will be secured.</p> |
|--------------------|--|

### Technique

|   |                               |
|---|-------------------------------|
| Normes et standards                               | IEC/EN 60947-2                |
| Tripping Characteristic                           | B                             |
| Tension nominale ( $U_n$ )                        | acc. to IEC 60947-2 800 V DC  |
| Tension   | acc. to IEC 60898-1 400 V     |
| Tension assignée d'isolement ( $U_i$ )            | acc. to IEC/EN 60664-1 1500 V |
| Tension assignée de tenue aux chocs ( $U_{imp}$ ) | 8 kV                          |

|   |   |
|---|---|
| Type de tension   | DC  |
| Courant nominal ( $I_n$ )   | 80 A  |
| Courant nominal de fonctionnement ( $I_e$ )                         | 80 A  |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )     | (800 V DC) 5 kA   |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ ) | (800 V DC) 5 kA   |
| Fréquence (f)   | 0...0 Hz  |
| Fréquence assignée (f)  | 0 Hz  |
| Power Loss  | 12.8 W<br>at Rated Operating Conditions per Pole 6.4 W              |
| Classe de limitation d'énergie                                      | 3   |
| Number of Protected Poles   | 2   |
| Nombre de pôles   | 2   |
| Catégorie de Surtension   | III   |
| Type de libération  | SP  |
| Accessories Available   | Oui   |
| Connecting Capacity   | Flexible 0 ... 50 mm <sup>2</sup><br>Rigid 0 ... 70 mm <sup>2</sup> |

## Environnement

|   |                                    |
|---|------------------------------------|
| Température extérieure                      | -25...60 °C                        |
| Température de l'air ambiant                | Operation -25 ... 60 °C            |
| Indice de protection                        | IP20                               |
| Degré de pollution                          | 2                                  |
| Statut RoHS                                 | Following EU Directive 2011/65/EU  |
| Informations RoHS                           | 9AKK107680A3903<br>2CCC005084D0202 |
| 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   |
| Profondeur d'encastrement ( $t_2$ ) | 82.5 mm |

## Commande

|                           |             |
|---------------------------|-------------|
| Emballage Niveau 1 Unités | box 1 pièce |
|---------------------------|-------------|

|                          |         |
|--------------------------|---------|
| Emballage Niveau 1 Poids | 510 g   |
| E-Number (Finland)       | 3214012 |

## Certificats et Déclarations (Numéro de document)

|                                   |                 |
|-----------------------------------|-----------------|
| Déclaration de Conformité<br>- CE | 2CCC005084D0202 |
|-----------------------------------|-----------------|

## Installation

|                         |                 |
|-------------------------|-----------------|
| Instructions et manuels | 2CCC413016M0008 |
|-------------------------|-----------------|

## Downloads Préférés

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

## Classifications

|   |  |
|---|--|
| ETIM 8                                      | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 9                                      | EC000042 - Miniature circuit breaker (MCB)                 |
| Catégorie DEEE                              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B                              | Business To Business                                       |
| CN8   | 85362020   |
| UNSPSC                                      | 39121603   |
| eClass                                      | V11.0 : 27141901   |
| Code de catégorie<br>granulaire IDEA (IGCC) | 4899 >> Miniature circuit breaker (MCB) screw-in model     |
| Code de classification<br>d'objet           | F  |

## Catégories

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

