

PRODUCT-DETAILS

# S802HV-K16

## S802HV-K16 High Performance MCB



### Informations générales

|                              |                                 |
|------------------------------|---------------------------------|
| Extension du type de produit | S802HV-K16                      |
| Code de produit              | 2CCF019023R0001                 |
| EAN                          | 7612271436711                   |
| Description courte           | S802HV-K16 High Performance MCB |

|                    |   |
|--------------------|---|
| Description longue | <p>The S802HV-K16 is a 2-pole High Performance Circuit breaker with K-characteristic, with cage terminal, long separating plates and a rated current of 16 A. It is a current limiting device with a maximum breaking capacity of 4kA at 580/1000V. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S802HV-K16 complies with IEC/EN 60947-2 and allows the use for industrial applications. It can be used worldwide. The extensive range of accessory makes the use of S802HV-K16 more comfortable. Due to the fast arc extinction of S802HV-K16 your application will be secured.</p> |
|--------------------|---|

### Technique

|  |  |
|--|--|
| Normes et standards                            | IEC/EN 60947-2, UL 1077  |
| Tripping Characteristic                        | K  |
| Tension nominale (U <sub>n</sub> )             | acc. to IEC 60947-2 580/1000 V AC<br>acc. to IEC 60947-2 1000 V AC |
| Tension  | acc. to IEC 60898-1 400 V  |
| Tension assignée d'isolement (U <sub>i</sub> ) | acc. to IEC/EN 60664-1 1000 V                                      |

|   |  |
|---|--|
| Tension assignée de tenue aux chocs ( $U_{imp}$ )                   | 8 kV   |
| Type de tension   | AC   |
| Courant nominal ( $I_n$ )   | 16 A   |
| Courant nominal de fonctionnement ( $I_e$ )                         | 16 A   |
| Rated Short-Circuit Capacity  | (400 V) 2.5 kA<br>(230 V) 2.5 kA   |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )     | (1000 V) 4 kA  |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )                | (230 V) 4 kA<br>(400 V) 4 kA   |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ ) | (580 / 1000 V AC) 2.5 kA   |
| Fréquence (f)   | 60...60 Hz   |
| Fréquence assignée (f)  | 50/60 Hz   |
| Power Loss  | 6.2 W<br>at Rated Operating Conditions per Pole 3.1 W  |
| Contact Position Indication   | ON / OFF / TRIP  |
| Classe de limitation d'énergie                                      | 3  |
| Number of Protected Poles   | 2  |
| Nombre de pôles   | 2  |
| Catégorie de Surtension   | III  |
| Couple de serrage   | 3.5 N·m  |
| Type de libération  | K  |
| 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   |
| Accessories Available   | Oui  |
| Remarques   | Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw |
| Connecting Capacity   | Flexible 0 ... 50 mm <sup>2</sup><br>Rigid 0 ... 70 mm <sup>2</sup>  |
| Type de borne   | Screw Terminals  |

## Environnement

|                              |                         |
|------------------------------|-------------------------|
| Température extérieure       | -25...60 °C             |
| Température de l'air ambiant | Operation -25 ... 60 °C |
| Indice de protection         | IP20                    |
| Degré de pollution           | 2                       |

|   |   |
|---|---|
| Resistance to Vibrations<br>acc. to IEC 60068-2-6 | 2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le |
| Résistance aux chocs<br>selon CEI 60068-2-27      | 5 g<br>30 ms  |
| Statut RoHS                                       | Following EU Directive 2011/65/EU                         |
| Informations RoHS                                 | 9AKK107680A3903<br>2CCC005084D0202                        |
| Informations<br>environnementales                 | 2CCY413207D0203   |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363   |

## Dimensions

|  |         |
|--|---------|
| Width in Number of<br>Modular Spacings         | 3       |
| Produit Largeur Net                            | 54 mm   |
| Produit Hauteur Net                            | 142 mm  |
| Produit Longueur Net                           | 82.5 mm |
| Poids net                                      | 490 g   |
| Profondeur<br>d'encastrement (t <sub>2</sub> ) | 82.5 mm |

## Commande

|                              |             |
|------------------------------|-------------|
| Emballage Niveau 1<br>Unités | box 1 pièce |
| Emballage Niveau 1 Poids     | 580 g       |
| E-Number (Sweden)            | 2100056     |

## 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   |
| eClass                            | V11.0 : 27141901   |
| Code de classification<br>d'objet | F  |

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## Catégories

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

