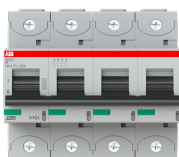


PRODUCT-DETAILS

# S804S-K6

## S804S-K6 High Performance MCB



### Informations générales

|                              |                               |
|------------------------------|-------------------------------|
| Extension du type de produit | S804S-K6                      |
| Code de produit              | 2CCS864001R0067               |
| EAN                          | 7612271408251                 |
| Description courte           | S804S-K6 High Performance MCB |

**Description longue**

The S804S-K6 is a 4-pole High Performance Circuit breaker with K-Characteristic, with cage terminal and a rated current of 6 A. It is a current limiting device with a maximum breaking capacity of 50kA at 240/415V. It can be used for voltages up to 400/690V and in DC as well. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S804S-K6 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 S804S-K6 more comfortable. Due to the fast arc extinction of S804S-K6 your application will be secured.

### Technique

|                            |  |
|----------------------------|--|
| Normes et standards        | IEC/EN 60947-2, IEC/EN 60898-1, UL 1077  |
| Tripping Characteristic    | K  |
| Tension nominale ( $U_r$ ) | acc. to IEC 60947-2 690 V AC<br>acc. to IEC 60947-2 500 V DC<br>acc. to IEC 60898-1 400 V AC |
| Tension                    | acc. to IEC 60898-1 400 V  |

|   |  |
|---|--|
| Tension assignée d'isolement ( $U_i$ )                              | acc. to IEC/EN 60664-1 690 V   |
| Tension assignée de tenue aux chocs ( $U_{imp}$ )                   | 8 kV   |
| Type de tension   | AC/DC  |
| Courant nominal ( $I_n$ )   | 6 A  |
| Courant nominal de fonctionnement ( $I_e$ )                         | 6 A  |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )     | (690 V) 50 kA<br>(690 V) 415V/6 kA   |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )                | (230 V) 50 kA<br>(400 V) 50 kA   |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ ) | (240 / 415 V AC) 40 kA<br>(254 / 440 V AC) 22.5 kA<br>(400 / 690 V AC) 4 kA<br>(125 V DC) 30 kA                      |
| Fréquence (f)   | 50..60 Hz  |
| Fréquence assignée (f)  | 50/60 Hz   |
| Power Loss  | 7.2 W<br>at Rated Operating Conditions per Pole 1.8 W  |
| Contact Position Indication   | ON / OFF / TRIP  |
| Classe de limitation d'énergie                                      | 3  |
| Electrical Endurance  | 10000 cycle  |
| Mechanical Endurance  | 10000 cycle  |
| Number of Protected Poles   | 4  |
| Nombre de pôles   | 4  |
| Catégorie de Surtension   | IV   |
| Couple de serrage   | 3.5 N·m<br>31 in·lb  |
| 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<br>ambiant                   | Operation -25 ... 60 °C                                   |
| Reference Ambient Air<br>Temperature              | acc. to IEC60947-2 40 °C<br>acc. to EN60898-1 40 °C       |
| Indice de protection                              | IP20  |
| Degré de pollution                                | 3   |
| 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 |
| Statut RoHS                                       | Following EU Directive 2011/65/EU                         |
| Informations RoHS                                 | 9AKK107680A3903<br>2CCC005083D0202                        |
| Informations<br>environnementales                 | 2CCY413207D0203   |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363   |

## Technique UL/CSA

|                                       |   |
|---------------------------------------|---|
| Interrupting Rating acc. to<br>UL1077 | (480Y / 277 V AC) 14 kA<br>(600Y / 347 V AC) 6 kA |
|---------------------------------------|---|

## Dimensions

|  |                 |
|--|-----------------|
| Width in Number of<br>Modular Spacings         | 6               |
| Produit Largeur Net                            | 106 mm          |
| Produit Hauteur Net                            | 95 mm           |
| Produit Longueur Net                           | 82.5 mm         |
| Poids net                                      | 980 g           |
| Taille   | 4_modules       |
| Profondeur<br>d'encastrement (t <sub>2</sub> ) | 82.5 mm         |
| Schéma dimensionnel                            | 2CCC413003C0201 |

## Commande

|                              |             |
|------------------------------|-------------|
| Emballage Niveau 1<br>Unités | box 1 pièce |
| Emballage Niveau 1 Poids     | 1010 g      |
| E-Number (Finland)           | 3212331     |

## Certificats et Déclarations (Numéro de document)

|                                   |                 |
|-----------------------------------|-----------------|
| Déclaration de Conformité<br>- CE | 2CCC005083D0202 |
|-----------------------------------|-----------------|

## Installation

Instructions et manuels

2CCC413016M0008

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## Downloads Préférés

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Fiche produit, informations techniques

2CCC413003C0208

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## Classifications

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

