

PRODUCT-DETAILS

S801S-K6

S801S-K6 High Performance MCB



Informations générales

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| Extension du type de produit | S801S-K6 |
| Code de produit | 2CCS861001R0067 |
| EAN | 7612271408220 |
| Description courte | S801S-K6 High Performance MCB |
| Description longue | <p>The S801S-K6 is a 1-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 S801S-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 S801S-K6 more comfortable. Due to the fast arc extinction of S801S-K6 your application will be secured.</p> |

Technique

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| Normes et standards | IEC/EN 60947-2, IEC/EN 60898-1, UL 1077 |
| Tripping Characteristic | K |
| Tension nominale (U _n) | acc. to IEC 60947-2 400 V AC acc. to IEC 60947-2 125 V DC acc. to IEC 60898-1 230/400 V AC |
| Tension | acc. to IEC 60898-1 230 V |
| Tension assignée d'isolement (U _i) | acc. to IEC/EN 60664-1 690 V |
| Tension assignée de | 8 kV |

tenue aux chocs (U_{imp})

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| 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}) | (400 V) 50 kA (400 V) 240V/6 kA |
| Rated Conditional Short-Circuit Current (I_{nc}) | (230 V) 50 kA (400 V) 50 kA |
| Pouvoir assigné de coupure de service en court-circuit (I_{cs}) | (240 / 415 V AC) 40 kA (254 / 440 V AC) 22.5 kA (400 / 690 V AC) 4 kA (125 V DC) 30 kA |
| Fréquence (f) | 50...60 Hz |
| Fréquence assignée (f) | 50/60 Hz |
| Power Loss | 1.7 W at Rated Operating Conditions per Pole 1.7 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 | 1 |
| Nombre de pôles | 1 |
| Catégorie de Surtension | IV |
| Couple de serrage | 3.5 N·m 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 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 ² Rigid 0 ... 70 mm ² |
| Type de borne | Screw Terminals |

Environnement

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| Température extérieure | -25...60 °C |
| Température de l'air ambiant | Operation -25 ... 60 °C |
| Reference Ambient Air Temperature | acc. to IEC60947-2 40 °C acc. to EN60898-1 40 °C |
| Indice de protection | IP20 |
| Degré de pollution | 3 |
| Resistance to Vibrations 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 |

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| | 2CCC005083D0202 |
| Informations environnementales | 2CCY413207D0203 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

Technique UL/CSA

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| Interrupting Rating acc. to UL1077 | (240 V AC) 30 kA (277 V AC) 14 kA (347 V AC) 6 kA |
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Dimensions

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| Width in Number of Modular Spacings | 1.5 |
| Produit Largeur Net | 27 mm |
| Produit Hauteur Net | 95 mm |
| Produit Longueur Net | 82.5 mm |
| Poids net | 245 g |
| Taille | 1_module |
| Profondeur d'encastrement (t ₂) | 82.5 mm |
| Schéma dimensionnel | 2CCC413003C0201 |

Commande

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| Emballage Niveau 1 Unités | box 1 pièce |
| Emballage Niveau 1 Poids | 270 g |
| E-Number (Finland) | 3212325 |

Certificats et Déclarations (Numéro de document)

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| Déclaration de Conformité - CE | 2CCC005083D0202 |
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Installation

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| 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) |

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| WEEE B2C / B2B | Business To Business |
| CN8 | 85362020 |
| UNSPSC | 39121603 |
| eClass | V11.0 : 27141901 |
| Code de catégorie granulaire IDEA (IGCC) | 4899 >> Miniature circuit breaker (MCB) screw-in model |
| Code de classification d'objet | F |

Catégories

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

