

PRODUCT-DETAILS

S403M-K16

S403M-K16 Miniature Circuit Breaker



Informations générales

| | |
|------------------------------|-------------------------------------|
| Extension du type de produit | S403M-K16 |
| Code de produit | 2CCS573001R0467 |
| EAN | 7612270103249 |
| Description courte | S403M-K16 Miniature Circuit Breaker |

Description longue

SMISSLINE TP S400M are a current limiting miniature circuit breakers. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D,K), configurations (1P,1P+N,2P,3P,3P+N), breaking capacities (up to 10 kA at 240/415 V AC) and rated currents (up to 63A). MCBs of the product range S400M are comply with IEC/EN 60898-1 for B,C and D characteristic and IEC/EN 60947-2 for C and K characteristic. The pluggable solution is only for the SMISSLINE TP System, allowing the use for commercial, industrial, and critical power applications.

Technique

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|-------------------------|--|
| Normes et standards | IEC/EN 60947-2 |
| Tripping Characteristic | K |
| Tension | acc. to IEC 60898-1 415 V |
| Operational Voltage | Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC Minimum 12 V DC |

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|--|---|
| Tension assignée d'isolement (U_i) | acc. to IEC/EN 60664-1 440 V |
| Tension assignée de tenue aux chocs (U_{imp}) | 4 kV |
| Type de tension | AC |
| Courant nominal (I_n) | 16 A |
| Courant nominal de fonctionnement (I_e) | 16 A |
| Rated Short-Circuit Capacity | (230 V) 10 kA (400 V) 10 kA |
| Pouvoir assigné de coupure ultime en court-circuit (I_{cu}) | (230 V) 25 kA (400 V) 25 kA |
| Rated Short-Circuit Making Capacity (I_{cm}) | (440 V AC) 30 kA (415 V AC) 52.2 kA |
| Pouvoir assigné de coupure de service en court-circuit (I_{cs}) | (240 V AC) 15 kA (415 V AC) 15 kA (440 V AC) 7.5 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}) | 50 % |
| Fréquence (f) | 50 ... 60 Hz |
| Fréquence assignée (f) | 50 ... 60 Hz |
| Power Loss | 6 W |
| Power Supply Connection | Arbitrary |
| Contact Position Indication | Red ON / Green OFF |
| Classe de limitation d'énergie | 3 |
| Electrical Endurance | 10000 cycle |
| Mechanical Endurance | 10000 cycle |
| Number of Protected Poles | 3 |
| Nombre de pôles | 3 |
| Catégorie de Surtension | III |
| Couple de serrage | 2.8 N·m |
| Type de libération | K |
| Screw Terminal Type | Failsafe Bi-directional Cylinder-lift Terminal |
| Actuator Marking | I / O |
| Type d'encastrement | Any |
| Recommended Screw Driver | Pozidriv 2 |
| Accessories Available | Oui |
| Connecting Capacity | Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² |
| Type de borne | Screw Terminals |

Environnement

Température de l'air Operation -25 ... 60 °C

ambiant

Reference Ambient Air Temperature 40 °C

Indice de protection IP20

Degré de pollution 3

Resistance to Vibrations acc. to IEC 60068-2-6 2...13.2 Hz/1 mm
13.2...100Hz/0.7 g, 5 cycles
5...150 ... 5 Hz/1 g, 4 waves

Statut RoHS Following EU Directive 2002/95/EC August 18, 2005 and amendment

Informations RoHS 9AKK107991A9634

Informations environnementales 9AKK108467A9561

Conflict Minerals Reporting Template (CMRT) 9AKK108468A3363

Dimensions

Width in Number of Modular Spacings 3

Produit Largeur Net 54 mm

Produit Hauteur Net 91 mm

Produit Longueur Net 75 mm

Poids net 322 g

Taille 3 modules

Profondeur d'encastrement (t₂) 75 mm

Schéma dimensionnel 9AKK107492A6192

Commande

Emballage Niveau 1 Unités carton 4 pièce

Emballage Niveau 1 Poids 1360 g

E-Number (Switzerland) 809279807

Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE 9AKK107991A9634

Installation

Instructions et manuels 2CCC451019M0109

Downloads Préférés

Fiche produit, informations techniques 9AKK107492A6192

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 | FC |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|-----------------|-------------|---|----------|-----------------|
| 2CCS500900R0081 | HK40011-L | HK40011-L Auxiliary switch | 1 | piece |
| 2CCS500900R0214 | HK40011-R | HK40011-R Auxiliary switch | 1 | piece |
| 2CCF201112R0001 | HK40020-L | HK40020-L Auxiliary switch | 1 | piece |
| 2CCF201114R0001 | HK40002-L | HK40002-L Auxiliary switch | 1 | piece |
| 2CCF201113R0001 | HK40020-R | HK40020-R Auxiliary switch | 1 | piece |
| 2CCF201115R0001 | HK40002-R | HK40002-R Auxiliary switch | 1 | piece |
| 2CCS500900R0101 | SK40011-L | SK40011-L Signal contact | 1 | piece |
| 2CCS500900R0215 | SK40011-R | SK40011-R Signal contact | 1 | piece |
| 2CCF201162R0001 | SK40020-L | SK40020-L Signal contact | 1 | piece |
| 2CCF201164R0001 | SK40002-L | SK40002-L Signal contact | 1 | piece |
| 2CCF201163R0001 | SK40020-R | SK40020-R Signal contact | 1 | piece |
| 2CCF201165R0001 | SK40002-R | SK40002-R Signal contact | 1 | piece |
| 2CCS500900R0141 | SK40010-LSA | SK40010-LSA Signal contact | 1 | piece |
| 2CCF201212R0001 | HK40010-LSA | HK400 10-L SA Auxiliary switch | 1 | piece |
| 2CCS500900R0216 | SK40010-RSA | SK40010-RSA Signal contact | 1 | piece |
| 2CCF201213R0001 | HK40010-RSA | HK400 10-R SA Auxiliary switch | 1 | piece |
| 2CCS500900R0161 | ZLS931 | ZLS931 Spare parts | 1 | piece |
| 2CCS500900R0021 | NT40163 | NT401-63 Neutral disconnect terminal block | 1 | piece |
| 2CCS500900R0011 | NT40263 | NT402-63 Neutral disconnect terminal block | 1 | piece |
| 2CDS200909R0001 | S2C-A1 | S2C-A1 Shunt Trip | 1 | piece |
| 2CDS200909R0002 | S2C-A2 | S2C-A2 Shunt Trip | 1 | piece |
| 2CCA880212R0001 | CMS-122PS | CMS-122PS Sensor | 3 | piece |
| 2CCA880102R0001 | CMS-102PS | CMS-102PS Sensor | 3 | piece |

Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Plug-in Distribution Systems → Système Smisline → Miniature Circuit Breakers MCBs

