

PRODUCT-DETAILS

# S401M-UCC1

## S401M-UCC1 Miniature Circuit Breaker



### Informations générales

|                              |                                      |
|------------------------------|--------------------------------------|
| Extension du type de produit | S401M-UCC1                           |
| Code de produit              | 2CCS561001R1014                      |
| EAN                          | 7612270109753                        |
| Description courte           | S401M-UCC1 Miniature Circuit Breaker |

Description longue

The miniature circuit breaker S400M UC extends the established SMISLINE TP product range with an MCB for DC and AC applications. The S400M UC impresses with its performance range. Its high inbuilt short circuit breaking capacity across the entire model line, its flexible AC and DC application. MCBs of the product range S400M UC are comply with IEC/EN 60947-2. The pluggable solution is only for the SMISLINE TP System, allowing the use for commercial, industrial, and critical power applications. It is also the perfect fit for any application where costly downtime must be avoided.

### Technique

|  |  |
|--|--|
| Normes et standards                            | IEC/EN 60947-2   |
| Tripping Characteristic                        | UC-C   |
| Tension  | acc. to IEC 60947-2 220 V DC<br>acc. to IEC 60947-2 230 V AC |
| Tension assignée d'isolement (U <sub>i</sub> ) | acc. to IEC/EN 60664-1 440 V                                 |
| Tension assignée de                            | 4 kV   |

tenue aux chocs ( $U_{imp}$ )

|  |  |
|--|--|
| Type de tension  | AC/DC  |
| Courant nominal ( $I_n$ )  | 1 A  |
| Courant nominal de fonctionnement ( $I_g$ )                                  | 1 A  |
| Rated Short-Circuit Capacity   | (AC) 10 kA<br>(230 / 400 V AC) 10 kA   |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )              | (220 V DC) 10 kA<br>(110 V DC) 20 kA   |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )          | (220 V DC) 10 kA<br>(110 V DC) 10 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   | 2.2 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  |
| Nombre de pôles  | 1  |
| Number of Protected Poles  | 1  |
| Catégorie de Surtension  | III  |
| Couple de serrage  | 2.8 N·m  |
| Trip Class   | UC-C   |
| Type de libération   | C  |
| 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 with Ferrule 0.75 ... 25 mm <sup>2</sup><br>Flexible 0.75 ... 25 mm <sup>2</sup><br>Rigid 0.75 ... 35 mm <sup>2</sup><br>Stranded 0.75 ... 35 mm <sup>2</sup> |
| Type de borne  | Screw Terminals  |

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**Environnement**


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|                                   |  |
|-----------------------------------|--|
| Température de l'air ambiant      | Operation -25 ... +60 °C<br>Storage -40 ... +70 °C |
| Reference Ambient Air Temperature | 30 °C  |

|   |   |
|---|---|
| Indice de protection                              | IP20  |
| Degré de pollution                                | 2   |
| Resistance to Vibrations<br>acc. to IEC 60068-2-6 | 2...13.2 Hz/1 mm<br>13.2...100Hz/0.7 g, 5 cycles<br>5...150 ... 5 Hz/1 g, 4 waves |
| Statut RoHS                                       | Following EU Directive 2002/95/EC August 18, 2005 and amendment                   |
| Informations RoHS                                 | 9AKK107991A9644   |
| Informations<br>environnementales                 | 9AKK108467A9561   |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363   |

## Dimensions

|  |                 |
|--|-----------------|
| Width in Number of<br>Modular Spacings         | 1               |
| Produit Largeur Net                            | 18 mm           |
| Produit Hauteur Net                            | 91 mm           |
| Produit Longueur Net                           | 75 mm           |
| Poids net                                      | 145 g           |
| Taille   | 1 module        |
| Profondeur<br>d'encastrement (t <sub>2</sub> ) | 75 mm           |
| Schéma dimensionnel                            | 9AKK107492A6192 |

## Commande

|                              |                 |
|------------------------------|-----------------|
| Quantité minimum             | 1 pièce         |
| Emballage Niveau 1<br>Unités | carton 10 pièce |
| Emballage Niveau 1 Poids     | 1514 g          |
| E-Number (Switzerland)       | 809510107       |

## Certificats et Déclarations (Numéro de document)

|                                   |                 |
|-----------------------------------|-----------------|
| Déclaration de Conformité<br>- CE | 9AKK107991A9644 |
|-----------------------------------|-----------------|

## Installation

|                         |                 |
|-------------------------|-----------------|
| Instructions et manuels | 2CCC451019M0109 |
|-------------------------|-----------------|

## Popular Downloads

|   |                 |
|---|-----------------|
| Fiche produit, informations<br>techniques | 9AKK107492A6192 |
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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) |
| DEEE B2C / B2B                    | Business To Business                                       |
| CN8                               | 85363020   |
| eClass                            | V11.0 : 27141901   |
| Code de classification<br>d'objet | FC   |

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**Accessories**

| Identifier      | Description | Type                                 | Quantity | Unit Of Measure |
|-----------------|-------------|--------------------------------------|----------|-----------------|
| 2CCS500900R0081 | HK40011-L   | HK40011-L<br>Auxiliary switch        | 1        | piece           |
| 2CCS500900R0214 | HK40011-R   | HK40011-R<br>Auxiliary switch        | 1        | piece           |
| 2CCF201112R0001 | HK40020-L   | HK40020-L<br>Auxiliary switch        | 1        | piece           |
| 2CCF201114R0001 | HK40002-L   | HK40002-L<br>Auxiliary switch        | 1        | piece           |
| 2CCF201113R0001 | HK40020-R   | HK40020-R<br>Auxiliary switch        | 1        | piece           |
| 2CCF201115R0001 | HK40002-R   | HK40002-R<br>Auxiliary switch        | 1        | piece           |
| 2CCS500900R0101 | SK40011-L   | SK40011-L<br>Signal contact          | 1        | piece           |
| 2CCS500900R0215 | SK40011-R   | SK40011-R<br>Signal contact          | 1        | piece           |
| 2CCF201162R0001 | SK40020-L   | SK40020-L<br>Signal contact          | 1        | piece           |
| 2CCF201164R0001 | SK40002-L   | SK40002-L<br>Signal contact          | 1        | piece           |
| 2CCF201163R0001 | SK40020-R   | SK40020-R<br>Signal contact          | 1        | piece           |
| 2CCF201165R0001 | SK40002-R   | SK40002-R<br>Signal contact          | 1        | piece           |
| 2CCS500900R0141 | SK40010-LSA | SK40010-LSA<br>Signal contact        | 1        | piece           |
| 2CCF201212R0001 | HK40010-LSA | HK400 10-L<br>SA Auxiliary<br>switch | 1        | piece           |
| 2CCS500900R0216 | SK40010-RSA | SK40010-RSA<br>Signal contact        | 1        | piece           |
| 2CCF201213R0001 | HK40010-RSA | HK400 10-R<br>SA Auxiliary<br>switch | 1        | piece           |
| 2CCS500900R0161 | ZLS931      | ZLS931 Spare<br>parts                | 1        | piece           |
| 2CCA880212R0001 | CMS-122PS   | CMS-122PS<br>Sensor                  | 1        | piece           |
| 2CCA880102R0001 | CMS-102PS   | CMS-102PS<br>Sensor                  | 1        | piece           |

## Catégories

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

