

PRODUCT-DETAILS

# SU201M-K0.5

## SU201M-K0.5 Miniature Circuit Breaker - 1P - K - 0.5 A



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | SU201M-K0.5   |
| Code de produit              | 2CDS271337R0157   |
| EAN                          | 4016779929981   |
| Description courte           | SU201M-K0.5 Miniature Circuit Breaker - 1P - K - 0.5 A              |
| Description longue           | SU201M-K0,5 Miniature Circuit Breaker K-Char., 10kA, 0,5A, 1P UL489 |

### Technique

|   |   |
|---|---|
| Normes et standards                               | CSA 22.2 No. 5<br>IEC/EN 60947-2<br>UL 489                |
| Tripping Characteristic                           | K   |
| Tension   | acc. to IEC 60898-1 277 V<br>acc. to IEC 60947-2 230 V AC |
| Tension assignée d'isolement ( $U_i$ )            | acc. to IEC/EN 60664-1 440 V                              |
| Tension assignée de tenue aux chocs ( $U_{imp}$ ) | 4 kV<br>at 2000 m 5 kV<br>at Sea Level 6.2 kV             |
| Dielectric Test Voltage                           | 50/60 Hz, 1 min: 2 kV                                     |
| Type de tension                                   | AC/DC   |
| Courant nominal ( $I_n$ )                         | 0.5 A   |
| Rated Short-Circuit                               | (230 V AC) 11.2 kA  |

|   |  |
|---|--|
| Capacity  |  |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )     | (230 V AC) 15 kA<br>(230 V) 15 kA  |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )                | (230 V) 15 kA  |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ ) | (230 V AC) 11.2 kA   |
| Fréquence assignée (f)  | 50 / 60 Hz<br>DC<br>50 ... 60 Hz   |
| Power Loss  | 1.4 W<br>at Rated Operating Conditions per Pole 1.4 W  |
| Power Supply Connection   | Arbitrary  |
| Contact Position Indication   | Red ON / Green OFF   |
| Classe de limitation d'énergie                                      | 3  |
| Electrical Endurance  | 20000 AC cycle   |
| Mechanical Endurance  | 20000 cycle  |
| Number of Protected Poles   | 1  |
| Nombre de pôles   | 1  |
| Catégorie de Surtension   | III  |
| Couple de serrage   | 2.8 N·m  |
| Screw Terminal Type   | Failsafe Bi-directional Cylinder-lift Terminal   |
| Actuator Marking  | I / O  |
| Actuator Material   | Insulation Group II, Black, Sealable   |
| 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  |
| Connecting Capacity   | Busbar 10 / 10 mm <sup>2</sup><br>Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup><br>Flexible 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> |
| Installation Size   | acc. to DIN 43880 3  |
| Type de borne   | Double Clamp   |

## Environnement

|  |   |
|--|---|
| Température de l'air ambiant                   | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C        |
| Reference Ambient Air Temperature              | 30 °C   |
| Indice de protection                           | IP20<br>IP40<br>Enclosure with Cover IP40                 |
| Degré de pollution                             | 3   |
| Environmental Conditions                       | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 % |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In      |

|   |  |
|---|--|
| Résistance aux chocs<br>selon CEI 60068-2-27      | 25g 2 shocks 13 ms   |
| Statut RoHS                                       | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Informations RoHS                                 | 2CDK400595D2706  |
| REACH Declaration                                 | 9AKK107492A1906  |
| Informations<br>environnementales                 | 9AKK107680A9140  |
| SCIP  | 89318623-ff2d-4ce0-aefe-5d16fac11138 Germany (DE)                      |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363  |

## Technique UL/CSA

|                                      |   |
|--------------------------------------|---|
| Maximum Operating<br>Voltage UL/CSA  | 277 V AC<br>48 V DC                                     |
| Interrupting Rating acc. to<br>UL489 | (240 V AC) 10 kA<br>(277 V AC) 10 kA<br>(48 V DC) 10 kA |
| Connecting Capacity<br>UL/CSA        | Busbar 18-8 AWG<br>Conductor 18-4 AWG                   |

## Dimensions

|  |          |
|--|----------|
| Width in Number of<br>Modular Spacings         | 1        |
| Produit Largeur Net                            | 17.5 mm  |
| Produit Hauteur Net                            | 111 mm   |
| Produit Longueur Net                           | 69 mm    |
| Poids net                                      | 0.125 kg |
| Pole Net Weight                                | 0.125 kg |
| Profondeur<br>d'encastrement (t <sub>2</sub> ) | 69 mm    |

## Commande

|                              |                |
|------------------------------|----------------|
| Emballage Niveau 1<br>Unités | carton 1 pièce |
| Emballage Niveau 1 Poids     | 0.135 kg       |

## Certificats et Déclarations (Numéro de document)

|                         |                        |
|-------------------------|------------------------|
| Agence de certification | CSA<br>EN<br>IEC<br>UL |
|-------------------------|------------------------|

## Installation

|                         |                 |
|-------------------------|-----------------|
| Instructions et manuels | 2CDC002177D0202 |
|-------------------------|-----------------|

## Downloads Préférés

|   |                 |
|---|-----------------|
| Fiche produit, informations<br>techniques | 2CDC002177D0202 |
|---|-----------------|

## 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                                      | 8536 20 10   |
| UNSPSC                                   | 39121603   |
| eClass                                   | V11.0 : 27141901   |
| Code de catégorie granulaire IDÉA (IGCC) | 4899 >> Miniature circuit breaker (MCB) screw-in model     |

## Accessories

| Identifiant     | Description                         | Type      | Quantity | Unit Of Measure |
|-----------------|-------------------------------------|-----------|----------|-----------------|
| 2CCA880100R0001 | CMS-100PS Sensor                    | CMS-100PS | 1        | piece           |
| 2CCA880101R0001 | CMS-101PS Sensor                    | CMS-101PS | 1        | piece           |
| 2CCA880102R0001 | CMS-102PS Sensor                    | CMS-102PS | 1        | piece           |
| 2CDS200914R0001 | S2C-H6RU Auxiliary Contact          | S2C-H6RU  | 1        | piece           |
| 2CDS200924R0001 | S2C-S6RU Signal / Auxiliary Contact | S2C-S6RU  | 1        | piece           |
| 2CDS200908R0001 | S2C-A1U Shunt Trip                  | S2C-A1U   | 1        | piece           |
| 2CDS200908R0002 | S2C-A2U Shunt Trip                  | S2C-A2U   | 1        | piece           |

## Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Miniature Circuit Breakers MCBs → Disjoncteurs ≤63A SN201/S200

