

PRODUCT-DETAILS

# SU203M-Z25

## SU203M-Z25 Miniature Circuit Breaker - 3P - Z - 25 A



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | SU203M-Z25  |
| Code de produit              | 2CDS273337R0518   |
| EAN                          | 4016779933452   |
| Description courte           | SU203M-Z25 Miniature Circuit Breaker - 3P - Z - 25 A              |
| Description longue           | SU203M-Z25 Miniature Circuit Breaker Z-Char., 10kA, 25A, 3P UL489 |

### Technique

|   |   |
|---|---|
| Normes et standards                               | CSA 22.2 No. 5<br>IEC/EN 60947-2<br>UL 489  |
| Tripping Characteristic                           | Z   |
| Tension   | acc. to IEC 60898-1 400 V AC<br>acc. to IEC 60898-1 400 V<br>acc. to IEC 60947-2 400 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 ( $I_n$ )                         | 25 A  |

|   |  |
|---|--|
| Rated Short-Circuit Capacity  | (400 V AC) 11.2 kA   |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )     | (400 V AC) 15 kA<br>(400 V) 15 kA  |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )                | (400 V) 15 kA  |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ ) | (400 V AC) 11.2 kA   |
| Fréquence assignée (f)  | 50 / 60 Hz<br>DC<br>50 ... 60 Hz   |
| Power Loss  | 4.2 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   | 3  |
| Nombre de pôles   | 3  |
| 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          | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In      |

acc. to IEC 60068-2-6

|   |                    |
|---|--------------------|
| Résistance aux chocs 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 environnementales | 9AKK107680A9140 |
|--------------------------------|-----------------|

|      |   |
|------|---|
| SCIP | 89318623-ff2d-4ce0-aefe-5d16fac11138 Germany (DE) |
|------|---|

|   |                 |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |
|---|-----------------|

## Technique UL/CSA

|                                  |                 |
|----------------------------------|-----------------|
| Maximum Operating Voltage UL/CSA | 480Y / 277 V AC |
|----------------------------------|-----------------|

|                                   |   |
|-----------------------------------|---|
| Interrupting Rating acc. to UL489 | (240 V AC) 10 kA<br>(480Y / 277 V AC) 10 kA |
|-----------------------------------|---|

|                            |                                       |
|----------------------------|---------------------------------------|
| Connecting Capacity UL/CSA | Busbar 18-8 AWG<br>Conductor 18-4 AWG |
|----------------------------|---------------------------------------|

## Dimensions

|                                     |   |
|-------------------------------------|---|
| Width in Number of Modular Spacings | 3 |
|-------------------------------------|---|

|                     |         |
|---------------------|---------|
| Produit Largeur Net | 52.5 mm |
|---------------------|---------|

|                     |        |
|---------------------|--------|
| Produit Hauteur Net | 111 mm |
|---------------------|--------|

|                      |       |
|----------------------|-------|
| Produit Longueur Net | 69 mm |
|----------------------|-------|

|           |          |
|-----------|----------|
| Poids net | 0.375 kg |
|-----------|----------|

|                 |          |
|-----------------|----------|
| Pole Net Weight | 0.125 kg |
|-----------------|----------|

|   |       |
|---|-------|
| Profondeur d'encastrement (t <sub>2</sub> ) | 69 mm |
|---|-------|

## Commande

|                           |                |
|---------------------------|----------------|
| Emballage Niveau 1 Unités | carton 1 pièce |
|---------------------------|----------------|

|                          |        |
|--------------------------|--------|
| Emballage Niveau 1 Poids | 0.4 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 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 IDEA (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

