

PRODUCT-DETAILS

SU203M-K20

SU203M-K20 Miniature Circuit Breaker - 3P - K - 20 A



Informations générales

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|------------------------------|---|
| Extension du type de produit | SU203M-K20 |
| Code de produit | 2CDS273337R0487 |
| EAN | 4016779930390 |
| Description courte | SU203M-K20 Miniature Circuit Breaker - 3P - K - 20 A |
| Description longue | SU203M-K20 Miniature Circuit Breaker K-Char., 10kA, 20A, 3P UL489 |

Technique

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|---|---|
| Normes et standards | CSA 22.2 No. 5 IEC/EN 60947-2 UL 489 |
| Tripping Characteristic | K |
| Tension | acc. to IEC 60898-1 400 V AC acc. to IEC 60898-1 400 V 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 at 2000 m 5 kV at Sea Level 6.2 kV |
| Dielectric Test Voltage | 50/60 Hz, 1 min: 2 kV |

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| Type de tension | AC/DC |
| Courant nominal (I_n) | 20 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 (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 DC 50 ... 60 Hz |
| Power Loss | 7.5 W at Rated Operating Conditions per Pole 2.5 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 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 ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ² |
| Installation Size | acc. to DIN 43880 3 |
| Type de borne | Double Clamp |

Environnement

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|------------------------------|--|
| Température de l'air ambiant | Operation -25 ... +55 °C Storage -40 ... +70 °C |
|------------------------------|--|

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| Reference Ambient Air Temperature | 30 °C |
| Indice de protection | IP20 IP40 Enclosure with Cover IP40 |
| Degré de pollution | 3 |
| Environmental Conditions | 28 cycles with 55 °C / 90-96 % 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 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 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

Technique UL/CSA

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|-----------------------------------|---|
| Maximum Operating Voltage UL/CSA | 480Y / 277 V AC |
| Interrupting Rating acc. to UL489 | (240 V AC) 10 kA (480Y / 277 V AC) 10 kA |
| Connecting Capacity UL/CSA | Busbar 18-8 AWG Conductor 18-4 AWG |

Dimensions

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| 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 ₂) | 69 mm |

Commande

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|---------------------------|----------------|
| Emballage Niveau 1 Unités | carton 1 pièce |
| Emballage Niveau 1 Poids | 0.4 kg |

Certificats et Déclarations (Numéro de document)

Agence de certification

CSA
EN
IEC
UL

Installation

Instructions et manuels

2CDC002177D0202

Downloads Préférés

Fiche produit, informations techniques

2CDC002177D0202

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 | 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

