

PRODUCT-DETAILS

S201-B80

S201-B80 Miniature Circuit Breaker - 1P - B - 80

A



Informations générales

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|------------------------------|--|
| Extension du type de produit | S201-B80 |
| Code de produit | 2CDS251001R0805 |
| EAN | 4016779916516 |
| Description courte | S201-B80 Miniature Circuit Breaker - 1P - B - 80 A |
| Description longue | S201-B80 Miniature Circuit Breaker B-Char., 6kA, 80A, 1P |

Technique

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|--|---|
| Normes et standards | IEC/EN 60898-1 IEC/EN 60947-2 |
| Tripping Characteristic | B |
| Tension | acc. to IEC 60898-1 230 / 400 V AC acc. to IEC 60898-1 230 V acc. to IEC 60947-2 230 V AC |
| Operational Voltage | Maximum (Incl. Tolerance) 253 / 440 V AC Maximum (Incl. Tolerance) 60 V DC Minimum 12 V AC Minimum 12 V DC |
| Tension assignée d'isolement (U _i) | acc. to IEC/EN 60664-1 440 V |
| Tension assignée de | 4 kV |

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|---|--|
| tenue aux chocs (U_{imp}) | at 2000 m 5 kV at Sea Level 6.2 kV |
| Dielectric Test Voltage | 50/60 Hz, 1 min: 2 kV |
| Type de tension | AC |
| Courant nominal (I_n) | 80 A |
| Rated Short-Circuit Capacity | (AC) 6 kA (DC) 6 kA (230 / 400 V AC) 6 kA (60 V DC) 6 kA |
| Pouvoir assigné de coupure ultime en court-circuit (I_{cu}) | (230 V AC) 6 kA (400 V AC) 10 kA (230 V) 6 kA |
| Rated Conditional Short-Circuit Current (I_{nc}) | (230 V) 10 kA (400 V) 10 kA |
| Pouvoir assigné de coupure de service en court-circuit (I_{cs}) | (230 V AC) 6 kA |
| Fréquence assignée (f) | 50 / 60 Hz 50 ... 60 Hz |
| Power Loss | at Rated Operating Conditions per Pole 8.1 W |
| Power Supply Connection | Arbitrary |
| Contact Position Indication | ON / OFF |
| Classe de limitation d'énergie | 3 |
| Electrical Endurance | 10000 AC cycle |
| Mechanical Endurance | 20000 cycle |
| Number of Protected Poles | 1 |
| Nombre de pôles | 1 |
| Catégorie de Surtension | III |
| Couple de serrage | 3 N·m |
| Actuator Type | Toggle |
| 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 16 / 16 mm ² Conductor 2.5 ... 50 mm ² Flexible 4 ... 35 mm ² Rigid 2.5 ... 50 mm ² Stranded 2.5 ... 50 mm ² |
| Installation Size | acc. to DIN 43880 1 |
| Type de borne | Screw Terminals |

Environnement

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|--|--|
| Température de l'air ambiant | Operation -25 ... +55 °C Storage -40 ... +70 °C |
| 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 | 2CDK400601D2704 |
| REACH Declaration | 9AKK107492A1906 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

Dimensions

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|---|----------|
| Width in Number of Modular Spacings | 1 |
| Produit Largeur Net | 17.5 mm |
| Produit Hauteur Net | 85 mm |
| Produit Longueur Net | 69 mm |
| Poids net | 0.125 kg |
| Profondeur d'encastrement (t ₂) | 69 mm |

Commande

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|---------------------------|-----------------|
| Emballage Niveau 1 Unités | carton 10 pièce |
| Emballage Niveau 1 Poids | 1.3 kg |
| E-Number (Finland) | 3210613 |

Certificats et Déclarations (Numéro de document)

| | |
|--------------------------------|-----------------|
| Agence de certification | EN IEC |
| Déclaration de Conformité - CE | 2CDK400601D2704 |

Installation

Instructions et manuels

2CDS207104P0002

Downloads Préférés

Fiche produit, informations
techniques

9AKK107680A3031

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 90 |
| UNSPSC | 39121603 |
| eClass | V11.0 : 27141901 |
| Code de catégorie granulaire IDEA (IGCC) | 4897 >> Miniature circuit breakers |
| Code de classification d'objet | F |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|-----------------|--------------------------------------|---------------|----------|-----------------|
| 2CDS200922R0001 | S2C-S/H6R Signal / Auxiliary Contact | S2C-S/H6R | 1 | piece |
| 2CDS200912R0001 | S2C-H6R Auxiliary Contact | S2C-H6R | 1 | piece |
| 2CDS200970R0001 | S2C-H01 Auxiliary Contact | S2C-H01 | 1 | piece |
| 2CDS200970R0002 | S2C-H10 Auxiliary Contact | S2C-H10 | 1 | piece |
| 2CDS200936R0001 | S2C-H11L Auxiliary Contact | S2C-H11L | 1 | piece |
| 2CDS200936R0002 | S2C-H20L Auxiliary Contact | S2C-H20L | 1 | piece |
| 2CDS200936R0003 | S2C-H02L Auxiliary Contact | S2C-H02L | 1 | piece |
| 2CDS200946R0001 | S2C-H6-11R Auxiliary Contact | S2C-H6-11R | 1 | piece |
| 2CDS200946R0002 | S2C-H6-20R Auxiliary Contact | S2C-H6-20R | 1 | piece |
| 2CDS200946R0003 | S2C-H6-02R Auxiliary Contact | S2C-H6-02R | 1 | piece |
| 2CDS200909R0001 | S2C-A1 Shunt Trip | S2C-A1 | 1 | piece |
| 2CDS200909R0002 | S2C-A2 Shunt Trip | S2C-A2 | 1 | piece |
| 2CSS200911R0001 | S2C-UA 12 DC Undervoltage Release | S2C-UA 12 DC | 1 | piece |
| 2CSS200911R0002 | S2C-UA 24 AC Undervoltage Release | S2C-UA 24 AC | 1 | piece |
| 2CSS200911R0003 | S2C-UA 48 AC Undervoltage Release | S2C-UA 48 AC | 1 | piece |
| 2CSS200911R0004 | S2C-UA 110 AC Undervoltage Release | S2C-UA 110 AC | 1 | piece |
| 2CSS200911R0005 | S2C-UA 230 AC Undervoltage Release | S2C-UA 230 AC | 1 | piece |
| 2CSS200911R0006 | S2C-UA 400 AC Undervoltage Release | S2C-UA 400 AC | 1 | piece |
| 2CSS200911R0007 | S2C-UA 24 DC Undervoltage Release | S2C-UA 24 DC | 1 | piece |
| 2CSS200911R0008 | S2C-UA 48 DC Undervoltage Release | S2C-UA 48 DC | 1 | piece |
| 2CSS200911R0009 | S2C-UA 110 DC Undervoltage Release | S2C-UA 110 DC | 1 | piece |
| 2CSS200911R0010 | S2C-UA 230 DC Undervoltage Release | S2C-UA 230 DC | 1 | piece |
| GHS2001901R0003 | S2C-DH Mechanical Accessories | S2C-DH | 1 | piece |
| 2CSS200998R0001 | S2C-BP Mechanical tripping device | S2C-BP | 1 | piece |
| 2CCA880100R0001 | CMS-100PS Sensor | CMS-100PS | 1 | piece |
| 2CCA880101R0001 | CMS-101PS Sensor | CMS-101PS | 1 | piece |
| 2CCA880102R0001 | CMS-102PS Sensor | CMS-102PS | 1 | piece |

Catégories

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

