

PRODUCT-DETAILS

# S202L-C40

## S202L-C40 Miniature Circuit Breaker - 2P - C - 40 A



| Informations générales       |                                                     |
|------------------------------|-----------------------------------------------------|
| Extension du type de produit | S202L-C40                                           |
| Code de produit              | 2CDS242701R0404                                     |
| EAN                          | 4016779598521                                       |
| Description courte           | S202L-C40 Miniature Circuit Breaker - 2P - C - 40 A |
| Description longue           | S202L-C 40 MiniCircuitBreaker C-Char.,4,5kA,40A,2P  |

| Technique                                      |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Normes et standards                            | IEC/EN 60898-1<br>IEC/EN 60947-2                                                          |
| Tripping Characteristic                        | C                                                                                         |
| 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 |
| Operational Voltage                            | Maximum (Incl. Tolerance) 440 V AC<br>Minimum 12 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 ( $U_{imp}$ )                                       | 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                                                                                                                                                                                                       |
| Courant nominal ( $I_n$ )                                           | 40 A                                                                                                                                                                                                     |
| Rated Short-Circuit Capacity                                        | (AC) 4.5 kA<br>(DC) 4.5 kA<br>(400 V AC) 4.5 kA<br>(400 V) 4.5 kA                                                                                                                                        |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )     | (230 V AC) 10 kA<br>(400 V AC) 6 kA<br>(230 V) 10 kA<br>(400 V) 6 kA                                                                                                                                     |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )                | (400 V) 5 kA                                                                                                                                                                                             |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ ) | (230 V AC) 7.5 kA<br>(400 V AC) 4.5 kA                                                                                                                                                                   |
| Fréquence assignée (f)                                              | 50 / 60 Hz                                                                                                                                                                                               |
| Power Loss                                                          | 9.6 W<br>at Rated Operating Conditions per Pole 4.8 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                                           | 2                                                                                                                                                                                                        |
| Nombre de pôles                                                     | 2                                                                                                                                                                                                        |
| Catégorie de Surtension                                             | III                                                                                                                                                                                                      |
| Couple de serrage                                                   | 2.8 N·m                                                                                                                                                                                                  |
| Actuator Type                                                       | Toggle                                                                                                                                                                                                   |
| Type de montage                                                     | DIN-Rail                                                                                                                                                                                                 |
| 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 ... 16 mm <sup>2</sup><br>Flexible 0.75 ... 16 mm <sup>2</sup><br>Rigid 0.75 ... 25 mm <sup>2</sup><br>Stranded 0.75 ... 25 mm <sup>2</sup> |
| Installation Size                                                   | acc. to DIN 43880 1                                                                                                                                                                                      |

|                       |                 |
|-----------------------|-----------------|
| Wire Stripping Length | 12.5 mm         |
| Type de borne         | Screw Terminals |

## Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| Informations RoHS                           | 2CDK400003K0203                                                        |
| Statut RoHS                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Date RoHS                                   | 20161001                                                               |
| REACH Declaration                           | 9AKK108468A9644                                                        |
| REACH Information                           | True - contains substances > 0.1 mass percentage                       |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |
| SCIP                                        | e6800e55-46b1-49a3-881b-0f66d0e903ad Germany (DE)                      |

## 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                  | 20 Cycles with Load 0.8 In: 5g 5 ... 150 ... 5 Hz         |
| Résistance aux chocs selon CEI 60068-2-27 | 25g 2 shocks 13 ms                                        |
| Informations environnementales            | 2CDK400030D0201                                           |

## Technique UL/CSA

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

## Dimensions

|                                     |          |
|-------------------------------------|----------|
| Width in Number of Modular Spacings | 2        |
| Produit Largeur Net                 | 35 mm    |
| Produit Hauteur Net                 | 88 mm    |
| Produit Longueur Net                | 69 mm    |
| Poids net                           | 0.25 kg  |
| Pole Net Weight                     | 0.125 kg |

|                                                |                 |
|------------------------------------------------|-----------------|
| Profondeur<br>d'encastrement (t <sub>2</sub> ) | 69 mm           |
| Schéma dimensionnel                            | 2CDC022007F0010 |

Commande

|                          |                |
|--------------------------|----------------|
| Emballage Niveau 1       | carton 5 pièce |
| Unités                   |                |
| Emballage Niveau 1 Poids | 1.3 kg         |

Certificats et Déclarations (Numéro de document)

|                                   |                 |
|-----------------------------------|-----------------|
| Agence de certification           | EN<br>IEC       |
| Déclaration de Conformité<br>- CE | 2CDK403001D0607 |
| I <sup>pt</sup> Characteristic    | 9AKK107992A5102 |

Installation

|                         |                 |
|-------------------------|-----------------|
| Instructions et manuels | 2CDS207104P0002 |
|-------------------------|-----------------|

Downloads Préférés

|                                           |                 |
|-------------------------------------------|-----------------|
| Fiche produit, informations<br>techniques | 9AKK107046A0423 |
| I <sup>pt</sup> Characteristic            | 9AKK107992A5102 |

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<br>granulaire IDEA (IGCC) | 4897 >> Miniature circuit breakers                         |
| Code de classification<br>d'objet           | F                                                          |

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## Catégories

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



360°