

PRODUCT-DETAILS

# S204L-C10

## S204L-C10 Miniature Circuit Breaker - 4P - C - 10 A



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | S204L-C10   |
| Code de produit              | 2CDS244701R0104                                     |
| EAN                          | 4016779598644                                       |
| Description courte           | S204L-C10 Miniature Circuit Breaker - 4P - C - 10 A |
| Description longue           | S204L-C 10 MiniCircuitBreaker C-Char.,4,5kA,10A,4P  |

### 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 ( $U_i$ )            | 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  |

|   |  |
|---|--|
| Courant nominal ( $I_n$ )   | 10 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) 6 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<br>50 ... 60 Hz   |
| Power Loss  | 8.4 W<br>at Rated Operating Conditions per Pole 2.1 W  |
| Power Supply Connection   | Arbitrary  |
| Contact Position Indication   | ON / OFF   |
| Classe de limitation d'énergie                                      | 3  |
| Electrical Endurance  | 20000 AC cycle   |
| Mechanical Endurance  | 20000 cycle  |
| Number of Protected Poles   | 4  |
| Nombre de pôles   | 4  |
| 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  |

## 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<br>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                                 | 2CDK400003K0203  |
| REACH Declaration                                 | 9AKK107492A1906  |
| Informations<br>environnementales                 | 2CDK400030D0201  |
| SCIP  | e6800e55-46b1-49a3-881b-0f66d0e903ad Germany (DE)                      |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363  |

## Technique UL/CSA

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

## Dimensions

|  |                 |
|--|-----------------|
| Width in Number of<br>Modular Spacings         | 4               |
| Produit Largeur Net                            | 70 mm           |
| Produit Hauteur Net                            | 85 mm           |
| Produit Longueur Net                           | 69 mm           |
| Poids net                                      | 0.5 kg          |
| Pole Net Weight                                | 0.125 kg        |
| Profondeur<br>d'encastrement (t <sub>2</sub> ) | 69 mm           |
| Schéma dimensionnel                            | 2CDC022007F0010 |

## Commande

|                              |                |
|------------------------------|----------------|
| Emballage Niveau 1<br>Unités | carton 1 pièce |
| Emballage Niveau 1 Poids     | 0.51 kg        |

## Certificats et Déclarations (Numéro de document)

|                                   |                 |
|-----------------------------------|-----------------|
| Agence de certification           | EN<br>IEC       |
| Déclaration de Conformité<br>- CE | 2CDK403001D0607 |
| l'pt Characteristic               | 9AKK107992A5102 |

## Installation

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

## Downloads Préférés

|  |                 |
|--|-----------------|
| Fiche produit, informations techniques | 9AKK107046A0423 |
| I <sup>2</sup> t 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 granulaire IDEA (IGCC) | 4897 >> Miniature circuit breakers                         |
| Code de classification d'objet           | F  |

## Catégories

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



360°