

PRODUCT-DETAILS

# SN201S L-C20-L

## SN201S L-C20-L Miniature circuit breaker - 1+NP - C - 20 A



### Informations générales

|                              |                                                                                                                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension du type de produit | SN201S L-C20-L                                                                                                                                                                                                  |
| Code de produit              | 2CSS245202R0204                                                                                                                                                                                                 |
| EAN                          | 8012542086956                                                                                                                                                                                                   |
| Description courte           | SN201S L-C20-L Miniature circuit breaker - 1+NP - C - 20 A                                                                                                                                                      |
| Description longue           | The SN201 series miniature circuit breaker is a 1P+N device in 1 module for the protection of circuits against overload and short circuit. Neutral is on the left. Screwless solution for a faster installation |

### Technique

|                                                   |                              |
|---------------------------------------------------|------------------------------|
| Normes et standards                               | IEC/EN 60898-1               |
| Tripping Characteristic                           | C                            |
| Tension nominale ( $U_n$ )                        | 230 V AC                     |
| Tension                                           | acc. to IEC 60898-1 230 V    |
| Tension assignée d'isolement ( $U_i$ )            | acc. to IEC/EN 60664-1 500 V |
| Tension assignée de tenue aux chocs ( $U_{imp}$ ) | 4 kV                         |
| Dielectric Test Voltage                           | 2 kV                         |
| Primary Rated Impulse Withstand Voltage           | 4 kV                         |

|                                                                           |                                                                                               |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Type de tension                                                           | AC                                                                                            |
| Courant nominal (I <sub>n</sub> )                                         | 20 A                                                                                          |
| Rated Short-Circuit Capacity                                              | (230 V) 4.5 kA                                                                                |
| Pouvoir assigné de coupure ultime en court-circuit (I <sub>cu</sub> )     | (230 V) 6 kA                                                                                  |
| Pouvoir assigné de coupure de service en court-circuit (I <sub>cs</sub> ) | (230 V AC) 4.5 kA                                                                             |
| Fréquence assignée (f)                                                    | 50/60 Hz                                                                                      |
| Power Loss                                                                | 4.8 W                                                                                         |
| Power Supply Connection                                                   | Top                                                                                           |
| Contact Position Indication                                               | Red ON / Green OFF                                                                            |
| Classe de limitation d'énergie                                            | 3                                                                                             |
| Electrical Endurance                                                      | 10000 cycle                                                                                   |
| Mechanical Endurance                                                      | 20000 cycle                                                                                   |
| Number of Protected Poles                                                 | 1                                                                                             |
| Nombre de pôles                                                           | 1+N                                                                                           |
| Number of Modular Spacings per DIN Rail                                   | 1                                                                                             |
| Catégorie de Surtension                                                   | III                                                                                           |
| Position of Neutral Terminals                                             | Left                                                                                          |
| Type d'accessoire                                                         | Auxiliary contact<br>Signal contact / auxiliary contact<br>Shunt trip<br>Undervoltage release |
| Actuator Type                                                             | Toggle - Insulation group IIIA, black, sealable in ON-OFF positions                           |
| Type d'enveloppe                                                          | Insulation group II, RAL 7035                                                                 |
| Type d'encastrement                                                       | Any                                                                                           |
| Accessories Available                                                     | Oui                                                                                           |
| Connecting Capacity                                                       | Flexible 1 ... 10 mm²<br>Rigid 1 ... 16 mm²                                                   |
| Wire Stripping Length                                                     | 11 mm                                                                                         |
| Type de borne                                                             | Screwless Terminals                                                                           |

Material Compliance

|                                             |                                   |
|---------------------------------------------|-----------------------------------|
| Informations RoHS                           | 9AKK106713A5572                   |
| Statut RoHS                                 | Following EU Directive 2011/65/EU |
| Date RoHS                                   | 20190722                          |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                   |

Environnement

|                              |                         |
|------------------------------|-------------------------|
| Température extérieure       | -25...55 °C             |
| Température de l'air ambiant | Operation -25 ... 55 °C |
| Reference Ambient Air        | 30 °C                   |

|                                              |                                                             |
|----------------------------------------------|-------------------------------------------------------------|
| Temperature                                  |                                                             |
| Indice de protection                         | IP20                                                        |
| Degré de pollution                           | 2                                                           |
| 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 or 0.35mm 5 ... 150 ... 5 Hz |
| Résistance aux chocs<br>selon CEI 60068-2-27 | 30g 2 shocks 13 ms                                          |
| Informations<br>environnementales            | refer to RoHS information                                   |

|                                                |          |
|------------------------------------------------|----------|
| Dimensions                                     |          |
| Width in Number of<br>Modular Spacings         | 1        |
| Produit Largeur Net                            | 0.018 m  |
| Produit Hauteur Net                            | 0.085 m  |
| Produit Longueur Net                           | 0.069 m  |
| Poids net                                      | 0.110 kg |
| Profondeur<br>d'encastrement (t <sub>2</sub> ) | 69 mm    |

|                              |             |
|------------------------------|-------------|
| Commande                     |             |
| Emballage Niveau 1<br>Unités | box 6 pièce |
| Emballage Niveau 1 Poids     | 0.684 kg    |

|                                                  |                 |
|--------------------------------------------------|-----------------|
| Certificats et Déclarations (Numéro de document) |                 |
| Déclaration de Conformité<br>- CE                | 9AKK106713A5572 |

|                         |                    |
|-------------------------|--------------------|
| Installation            |                    |
| Instructions et manuels | No document needed |

|                                           |                 |
|-------------------------------------------|-----------------|
| Downloads Préférés                        |                 |
| Fiche produit, informations<br>techniques | 2CSC400002D0209 |

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| 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 Consumer                                       |
| CN8             | 85362010                                                   |
| eClass          | V11.0 : 27141901                                           |

Code de classification  
d'objet

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## Catégories

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

