

PRODUCT-DETAILS

# DS203NC L C20 A30

## DS203NC L C20 A30 Residual Current Circuit Breaker with Overcurrent Protection



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | DS203NC L C20 A30   |
| Code de produit              | 2CSR246140R1204   |
| EAN                          | 8012542344124   |
| Description courte           | DS203NC L C20 A30 Residual Current Circuit Breaker with Overcurrent Protection  |
| Description longue           | DS203NC is a 3P+N residual current circuit breaker with overcurrent protection (RCBO) in four modules for the protection against short-circuit currents, overload, earth fault currents, indirect contacts, additional protection against direct contacts (30 mA versions). |

### Technique

|  |  |
|--|--|
| Normes et standards                    | IEC 61009-1<br>IEC 61009-2-1<br>EN 61009-1<br>EN 61009-2-1 |
| Tripping Characteristic                | C  |
| Type of Residual Current               | A type   |
| Tension nominale ( $U_r$ )             | 400-415 V AC   |
| Tension                                | 400 ... 415 V AC   |
| Tension assignée d'isolement ( $U_i$ ) | 500 V  |

|  |  |
|--|--|
| Tension assignée de tenue aux chocs ( $U_{imp}$ )                            | 4 kV   |
| Type de tension  | AC   |
| Courant nominal ( $I_n$ )  | 20 A   |
| Rated Residual Current   | 30 mA  |
| Rated Short-Circuit Capacity   | (230 / 400 V AC) 4.5 kA  |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )              | 6 kA   |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )                         | 6 kA   |
| Rated Service Short-Circuit Breaking Capacity, in % of $I_{cu}$ ( $I_{cs}$ ) | 4.5 kA   |
| Maximum Surge Current  | 0.25 kA  |
| Leakage Current Type   | A  |
| Fréquence (f)  | 50/60 Hz   |
| Fréquence assignée (f)   | 50 ... 60 Hz   |
| Power Loss   | 11.8 W   |
| Power Supply Connection  | Arbitrary  |
| Classe de limitation d'énergie   | 3  |
| Electrical Endurance   | 10000 cycle  |
| Mechanical Endurance   | 20000 cycle  |
| Nombre de pôles  | 4  |
| Number of Protected Poles  | 3  |
| Operating Characteristic   | Instantaneous  |
| Catégorie de Surtension  | III  |
| Position of Neutral Terminals  | Right  |
| Earthing Switch Type   | Undelayed  |
| Type de libération   | C  |
| Options Provided   | None   |
| Accessories Available  | Oui  |
| Connecting Capacity  | Busbar 10 mm <sup>2</sup><br>Rigid 25 ... 25 mm <sup>2</sup><br>Flexible 25 ... 25 mm <sup>2</sup> |
| Section nominale   | 4 - Multi-Wired 1...25 mm <sup>2</sup><br>1 - Solid-Core 25...25 mm <sup>2</sup>                   |

## Environnement

|                              |                                   |
|------------------------------|-----------------------------------|
| Température extérieure       | -25...55 °C                       |
| Température de l'air ambiant | Operation -25...55 °C             |
| Indice de protection         | IP2X                              |
| Degré de pollution           | 2                                 |
| Statut RoHS                  | Following EU Directive 2011/65/EU |

|   |                           |
|---|---------------------------|
| Informations RoHS                           | 9AKK106713A5597           |
| REACH Declaration                           | 9AKK108467A9482           |
| Informations environnementales              | refer to RoHS information |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363           |

## Dimensions

|   |          |
|---|----------|
| Width in Number of Modular Spacings         | 4        |
| Produit Largeur Net                         | 0.071 m  |
| Produit Hauteur Net                         | 0.085 m  |
| Produit Longueur Net                        | 0.069 m  |
| Poids net                                   | 0.480 kg |
| Profondeur d'encastrement (t <sub>2</sub> ) | 69 mm    |

## Commande

|                           |             |
|---------------------------|-------------|
| Quantité minimum          | 1 pièce     |
| Emballage Niveau 1 Unités | box 1 pièce |
| Emballage Niveau 1 Poids  | 0.530 kg    |

## Certificats et Déclarations (Numéro de document)

|                                |                  |
|--------------------------------|------------------|
| CCC Certificate                | 2021980307001650 |
| Déclaration de Conformité - CE | 9AKK106713A5597  |

## Installation

|                         |                 |
|-------------------------|-----------------|
| Instructions et manuels | 9AKK106713A8790 |
|-------------------------|-----------------|

## Popular Downloads

|  |                 |
|--|-----------------|
| Fiche produit, informations techniques | 2CSC423030B0201 |
|--|-----------------|

## Classifications

|                |  |
|----------------|--|
| ETIM 8         | EC000905 - Earth leakage circuit breaker                   |
| ETIM 9         | EC000905 - Earth leakage circuit breaker                   |
| Catégorie DEEE | 5. Small Equipment (No External Dimension More Than 50 cm) |
| DEEE B2C / B2B | Business To Consumer                                       |
| CN8            | 85363030   |

eClass

V11.0 : 27142207

Code de classification  
d'objet

F

## Accessories

| Identifiant     | Description                                      | Type          | Quantity | Unit Of Measure |
|-----------------|--|---------------|----------|-----------------|
| 2CDS200912R0001 | S2C-H6R Auxiliary Contact                        | S2C-H6R       | 1        | piece           |
| 2CDS200922R0001 | S2C-S/H6R Signal / Auxiliary Contact             | S2C-S/H6R     | 1        | piece           |
| 2CSS200910R0005 | S2C-OVP1 Overvoltage release                     | S2C-OVP1      | 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           |
| 2CSS200923R0001 | SN201-IH Interface module with auxiliary contact | SN201-IH      | 1        | piece           |
| 2CSS200924R0001 | SN201-S Signal contact                           | SN201-S       | 1        | piece           |
| 2CSS200933R0011 | F2C-A1 Shunt trip                                | F2C-A1        | 1        | piece           |
| 2CSS200933R0012 | F2C-A2 Shunt trip                                | F2C-A2        | 1        | piece           |
| 2CSS200993R0005 | S2C-OVP2 Overvoltage release                     | S2C-OVP2      | 1        | piece           |

## Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Protection différentielle → Disjoncteurs différentiels

