

PRODUCT-DETAILS

# DS203NC L C20 A300

## DS203NC L C20 A300 Residual Current Circuit Breaker with Overcurrent Protection



### Informations générales

Extension du type de produit	DS203NC L C20 A300
Code de produit	2CSR246140R3204
EAN	8012542343820
Description courte	DS203NC L C20 A300 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 IEC 61009-2-1 EN 61009-1 EN 61009-2-1
Tripping Characteristic	C
Type of Residual Current	A type
Tension nominale ( $U_n$ )	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	300 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> Rigid 25 ... 25 mm <sup>2</sup> Flexible 25 ... 25 mm <sup>2</sup>
Section nominale	4 - Multi-Wired 1...25 mm <sup>2</sup> 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
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## Popular Downloads

Fiche produit, informations techniques	2CSC423030B0201
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## 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

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## 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

