

PRODUCT-DETAILS

# DS203NC C20 AC300

## DS203NC C20 AC300 Residual Current Circuit Breaker with Overcurrent Protection



### Informations générales

Extension du type de produit	DS203NC C20 AC300
Code de produit	2CSR256040R3204
EAN	8012542185420
Description courte	DS203NC C20 AC300 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	AC type
Tension nominale ( $U_r$ )	400-415 V AC
Tension	acc. to IEC 60898-1 415 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
Type de tension	AC
Courant nominal ( $I_n$ )	20 A
Rated Residual Current	300 mA
Rated Short-Circuit Capacity	6 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	10 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Rated Service Short-Circuit Breaking Capacity, in % of $I_{cu}$ ( $I_{cs}$ )	6 kA
Maximum Surge Current	0.25 kA
Leakage Current Type	AC
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
Number of Protected Poles	3
Nombre de pôles	4
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	1 - Solid-Core 25 ... 25 mm <sup>2</sup> 4 - Multi-Wired 1 ... 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

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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## Downloads Préférés

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)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
eClass	V11.0 : 27142207

Code de classification  
d'objet

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**Accessories**


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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

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**Catégories**


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

