

PRODUCT-DETAILS

# DS202CR B16 A300

## DS202CR B16 A300 Residual Current Circuit Breaker with Overcurrent Protection



### Informations générales

Extension du type de produit	DS202CR B16 A300
Code de produit	2CSR752140R3165
EAN	4022903033882
Description courte	DS202CR B16 A300 Residual Current Circuit Breaker with Overcurrent Protection
Description longue	The DS202CR series RCBO is a 2P in two-modules device for the protection of end user single-phase circuits against overload and short-circuit currents. Protection against the effects of sinusoidal alternating and direct pulsating earth fault currents. Protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA).

### Eco Transparence

Environmental Product Declaration - EPD	9AKK108467A5738
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### Technique

Normes et standards	IEC/EN 61009-1 IEC/EN 61009-2-1
Tripping Characteristic	B
Type of Residual Current	A type
Tension	acc. to IEC 60898-1 230 V
Tension assignée	acc. to IEC/EN 60664-1 440 V

d'isolement ( $U_i$ )

Tension assignée de tenue aux chocs ( $U_{imp}$ )	4 kV
Type de tension	AC
Courant nominal ( $I_n$ )	16 A
Rated Residual Current	300 mA
Rated Short-Circuit Capacity	6 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	10 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	6 kA
Maximum Surge Current	0.25 kA
Leakage Current Type	A
Fréquence (f)	50 Hz
Fréquence assignée (f)	50 Hz
Power Loss	4.20 W
Power Supply Connection	Arbitrary
Classe de limitation d'énergie	3
Electrical Endurance	10000 operations
Mechanical Endurance	20000 operations
Number of Protected Poles	2
Nombre de pôles	2
Fault Indication	Blue flag on window
Operating Characteristic	Instantaneous
Catégorie de Surtension	III
Position of Neutral Terminals	Right Left
Couple de serrage	4 N·m
Type d'accessoire	Auxiliary contact Signal contact / auxiliary contact
Earthing Switch Type	Undelayed
Type de montage	DIN-Rail
Type d'encastrement	Any
Accessories Available	Oui
Nombre de batteries	0
Cable Size	35 mm <sup>2</sup>
Connecting Capacity	Busbar 10...10 mm <sup>2</sup> Flexible 1...25 mm <sup>2</sup> Rigid Solid 1...35 mm <sup>2</sup>
Section nominale	1 - Solid-Core 1 ... 35 mm <sup>2</sup> 4 - Multi-Wired 1 ... 25 mm <sup>2</sup>
Wire Stripping Length	11 mm

## Environnement

Température de l'air ambiant	Operation -25 ... 55 °C
Indice de protection	IP20
Degré de pollution	3
Environmental Conditions	28 cycle with 55 °C / 90-96 %

and 25 °C / 95-100 %

Statut RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Informations RoHS	9AKK108466A5162
REACH Declaration	9AKK108466A9708
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Width in Number of Modular Spacings	2
Produit Largeur Net	36 mm
Produit Hauteur Net	86 mm
Produit Longueur Net	72 mm
Poids net	0.220 kg
Profondeur d'encastrement (t <sub>2</sub> )	72 mm

## Commande

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	0.245 kg

## Certificats et Déclarations (Numéro de document)

Certificat ABS	9AKK108467A7630
Déclaration de Conformité - CE	9AKK108466A5162
IMQ Certificate	9AKK108467A6463
Certificat NF	9AKK108467A7736
VDE Certificate	9AKK108467A7823

## Installation

Instructions et manuels	9AKK108466A5165
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## Downloads Préférés

Fiche produit, informations techniques	9AKK108467A1864
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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	85363010
eClass	V11.0 : 27142207
Code de classification	F

d'objet

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**Accessories**

Identifiant	Description	Type	Quantity	Unit Of Measure
2CDS200931R0001	G2C-H6-L+R Signal / Auxiliary contact	G2C-H6-L+R	1	piece
2CDS200932R0001	G2C-S/H6-L+R Signal / Auxiliary contact	G2C-S/H6-L+R	1	piece
2CDS200932R0011	G2C-S/H6-L+R-KL Signal / Auxiliary contact	G2C-S/H6-L+R-KL	1	piece

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**Catégories**

Produits basse tension → Appareillage modulaire et parafoudres → Protection différentielle → Disjoncteurs différentiels → DS202CR

