

PRODUCT-DETAILS

# DS201 M C16 AC300

## DS201 M C16 AC300 Residual Current Circuit Breaker with Overcurrent Protection



### Informations générales

Extension du type de produit	DS201 M C16 AC300
Code de produit	2CSR275080R3164
EAN	8012542772910
Description courte	DS201 M C16 AC300 Residual Current Circuit Breaker with Overcurrent Protection
Description longue	The DS201 series is a 1P+N RCBO in two-modules width for the protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA).

### Technique

Normes et standards	IEC/EN 61009-1, IEC/EN 61009-2-1
Tripping Characteristic	C
Type of Residual Current	AC type
Tension nominale ( $U_n$ )	230 V
Tension	acc. to IEC 60898-1 240 V
Tension assignée d'isolement ( $U_i$ )	acc. to IEC/EN 60664-1 500 V
Test Voltage ( $U_t$ )	110 ... 264 V
Dielectric Test Voltage	2 kV

Primary Rated Impulse Withstand Voltage	4 kV
Type de tension	AC
Courant nominal ( $I_n$ )	16 A
Rated Residual Current	300 mA
Rated Short-Circuit Capacity	10 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	15 kA
Rated Residual Breaking Capacity ( $I_{\Delta m}$ )	EN 61009-1 6000 A IEC 61009-1 6000 A
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	15 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	11.2 kA
Maximum Surge Current	0 kA
Leakage Current Type	AC
Fréquence (f)	50/60 Hz
Fréquence assignée (f)	50 ... 60 Hz
Power Loss	Average per Pole 2.3 W Phase Pole 3.4 W Neutral Pole 1.2 W Total 4.5 W
Power Supply Connection	Arbitrary
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	2
Number of Modular Spacings per DIN Rail	2
Fault Indication	Blue flag on toggle
Operating Characteristic	Instantaneous
Catégorie de Surtension	III
Position of Neutral Terminals	Right
Couple de serrage	2.8 N·m
Type d'accessoire	Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device
Actuator Type	Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions
Type d'enveloppe	Insulation group I - II, RAL 7035
Type de montage	DIN-Rail
Type de libération	C
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Type d'encastrement	Any

Accessories Available	Oui
Nombre de batteries	0
Cable Size	25 mm <sup>2</sup>
Connecting Capacity	Busbar 10 ... 10 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup>
Wire Stripping Length	12 mm
Type de borne	Screw Terminals

## Environnement

Température extérieure	-25...55 °C
Température de l'air ambiant	Operation -25 ... 55 °C
Reference Ambient Air Temperature	30 °C
Indice de protection	IP20 IP40
Degré de pollution	2
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	0.1 mm or 1 g - 20 cycles at 5...150...5 Hz
Résistance aux chocs selon CEI 60068-2-27	25g 2 shocks 13 ms
Statut RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Informations RoHS	9AKK106713A5588
REACH Declaration	9AKK108467A9482
Informations environnementales	2CSC422002K2701
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Width in Number of Modular Spacings	2
Produit Largeur Net	0.035 m
Produit Hauteur Net	0.085 m
Produit Longueur Net	0.069 m
Poids net	0.200 kg
Profondeur d'encastrement (t <sub>2</sub> )	69 mm

## Commande

Emballage Niveau 1 Unités	box 1 pièce
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Emballage Niveau 1 Poids

225 g

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## Certificats et Déclarations (Numéro de document)

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Certificat ABS	9AKK107991A2823
CB Certificate	9AKK107492A6064 9AKK107492A6065
CCC Certificate	9AKK107492A6069
Déclaration de Conformité - CE	9AKK106713A5588
DNV GL Certificate	9AKK107680A3457 9AKK107680A3456
EAC Certificate	9AKK107492A6071 9AKK107991A7755
Certificat GOST	9AKK107992A1640
ÖVE Certificate	9AKK107492A6086
Certificat RMRS	9AKK107680A3454 9AKK107680A3455

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## Installation

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Instructions et manuels	9AKK107492A6006
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## Downloads Préférés

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Fiche produit, informations techniques	9AKK107492A6187
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## Classifications

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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 d'objet	F

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## Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CSS200911R0001	S2C-UA 12 DC Undervoltage Release	S2C-UA 12 DC	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
2CSS200911R0007	S2C-UA 24 DC Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage Release	S2C-UA 230 DC	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	1	piece
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200970R0031	S2C-H01 Auxiliary Contact	S2C-H01	1	piece
2CDS200970R0032	S2C-H10 Auxiliary Contact	S2C-H10	1	piece
2CSS200910R0005	S2C-OVP1 Overvoltage release	S2C-OVP1	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
2CSS203997R0013	S2C-CM2/3 Motor operating device	S2C-CM2/3	1	piece

## Catégories

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

