

PRODUCT-DETAILS

## DS201 B32 AC300

# DS201 B32 AC300 Residual Current Circuit Breaker with Overcurrent Protection



### Algemene informatie

|               |  |
|---------------|--|
| Type          | DS201 B32 AC300  |
| Artikelnummer | 2CSR255080R3325  |
| EAN           | 8012542644217  |
| Omschrijving  | DS201 B32 AC300 Residual Current Circuit Breaker with Overcurrent Protection   |
| Omschrijving  | 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). |

### Technical

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Normen                              | IEC/EN 61009-1, IEC/EN 61009-2-1 |
| Uitschakelkenmerk                   | B                                |
| Type reststroom                     | AC type                          |
| Toegekende spanning ( $U_r$ )       | 230 V                            |
| Nominaal bedrijfspvoltage           | 230 / 240 V AC                   |
| Nominaal isolatievoltage ( $U_i$ )  | 500 V                            |
| Testspanning ( $U_t$ )              | 110 ... 264 V                    |
| Diëlektrische testspanning          | 2 kV                             |
| Primaire nominale stoothoudspanning | 4 kV                             |

|   |   |
|---|---|
| Ingangsspanningstype                                  | AC  |
| Toegekende stroom ( $I_n$ )                           | 32 A  |
| Nominale resterende stroom                            | 300 mA  |
| Nominaal kortsluitvermogen                            | 6 kA  |
| Nominaal ultiem kortsluitvermogen ( $I_{cu}$ )        | 10 kA   |
| Rated Residual Breaking Capacity ( $I_{\Delta m}$ )   | EN 61009-1 6000 A<br>IEC 61009-1 4500 A   |
| Nominale voorwaardelijke kortsluitstroom ( $I_{nc}$ ) | 10 kA   |
| Nominaal vermogen kortsluitvermogen ( $I_{cs}$ )      | 7.5 kA  |
| Stootspanningsvastheid                                | 0 kA  |
| Type lekstroom  | AC  |
| Frequentie (f)  | 50/60 Hz  |
| Toegekende frequentie (f)                             | 50 ... 60 Hz  |
| Vermogensverlies                                      | Average per Pole 5,0 W<br>Phase Pole 6,4 W<br>Neutral Pole 3,5 W<br>Total 9,9 W   |
| Aansluiting voeding                                   | Arbitrary   |
| Statusindicator                                       | Red ON / Green OFF  |
| Energiebeperkende klasse                              | 3   |
| Elektrisch uithoudingsvermogen                        | 10000 cycle   |
| Mechanisch uithoudingsvermogen                        | 20000 cycle   |
| Aantal polen  | 2   |
| Aantal beveiligde polen                               | 1   |
| Aantal module-eenheden per DIN-rail                   | 2   |
| Fault Indication                                      | Blue flag on toggle   |
| Bedieningskenmerk                                     | Instantaneous   |
| Overspanningscategorie                                | III   |
| Positie van neutrale klemmen                          | Right   |
| Aanhaalmoment   | 2.8 N·m   |
| Type Toebehoren                                       | Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device                  |
| Bedieningswijze                                       | Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions  |
| Behuizingstype  | Insulation group I - II, RAL 7035   |
| Montagetype   | DIN-Rail  |
| Uitgavetype   | B   |
| Type schroefklem                                      | Failsafe Bi-directional Cylinder-lift Terminal  |
| Plaats van inbouw                                     | Any   |
| Accessoires beschikbaar                               | Yes   |
| Aantal batterijen                                     | 0   |
| Kabelbreedte circa                                    | 25 mm <sup>2</sup>  |
| Verbindingscapaciteit                                 | Busbar 10 ... 10 mm <sup>2</sup><br>Stranded 0.75 ... 25 mm <sup>2</sup><br>Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup><br>Flexible 0.75 ... 16 mm <sup>2</sup> |
| Kabelstriplengte                                      | 12 mm   |
| Terminaltype  | Schroef   |

## Environmental

|  |  |
|--|--|
| Omgevingstemperatuur                             | -25...55 °C  |
| Omgevingsluchttemperatuur                        | Werking -25...55 °C  |
| Referentie omgevingsluchttemperatuur             | 30 °C  |
| Beschermingsgraad                                | Terminals IP20<br>Behuizing IP40                                       |
| Verontreinigingsgraad                            | 2  |
| Milieu-omstandigheden                            | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 %              |
| Weerstand tegen trillingen volgens IEC 60068-2-6 | 0.1 mm or 1 g - 20 cycles at 5...150...5 Hz                            |
| Schokweerstand volgens IEC 60068-2-27            | 25g 2 shocks 13 ms   |
| RoHS-status                                      | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS-informatie                                  | 9AKK106713A5588  |
| REACH-verklaring                                 | 9AKK108467A9482  |
| Milieu-informatie                                | 2CSC422002K2701  |
| Rapport over conflictmineralen (CMRT)            | 9AKK108468A3363  |

## Dimensions

|                                |          |
|--------------------------------|----------|
| Breedte in module-eenheden     | 2        |
| Product netto breedte          | 0.035 m  |
| Product netto hoogte           | 0.085 m  |
| Product netto diepte           | 0.069 m  |
| Product netto gewicht          | 0.200 kg |
| Inbouwdiepte (t <sub>2</sub> ) | 69 mm    |

## Ordering

|                             |             |
|-----------------------------|-------------|
| Minimale bestelhoeveelheid  | 1 stuk      |
| Pakketniveau 1 Units        | doos 1 stuk |
| Pakketniveau 1 Brutogewicht | 225 g       |

## Certificates and Declarations

|                              |                                    |
|------------------------------|------------------------------------|
| ABS-certificaat              | 9AKK107991A2823                    |
| CB-certificaat               | 9AKK107492A6060                    |
| CCC-certificaat              | 9AKK107492A6067                    |
| Conformiteitsverklaring - CE | 9AKK106713A5588                    |
| DNV GL-certificaat           | 9AKK107680A3457<br>9AKK107680A3456 |
| EAC-certificaat              | 9AKK107492A6071<br>9AKK107991A7755 |
| GOST-certificaat             | 9AKK107992A1640                    |

|                  |                                    |
|------------------|------------------------------------|
| ÖVE-certificaat  | 9AKK107492A6085                    |
| RMRS-certificaat | 9AKK107680A3454<br>9AKK107680A3455 |

## Installation

|                              |                 |
|------------------------------|-----------------|
| Instructies en handleidingen | 9AKK107492A6006 |
|------------------------------|-----------------|

## Popular Downloads

|                                     |                 |
|-------------------------------------|-----------------|
| Gegevensblad, technische informatie | 9AKK107492A6187 |
| EPLAN-macro                         | 9AKK107680A0597 |

## Classifications

|                          |  |
|--------------------------|--|
| ETIM 8                   | EC000905 - Aardlekautomaat                                 |
| ETIM 9                   | EC000905 - Aardlekautomaat                                 |
| WEEE-categorie           | 5. Small Equipment (No External Dimension More Than 50 cm) |
| AEEA B2C / B2B           | Business To Consumer                                       |
| CN8                      | 85363030   |
| eClass                   | V11.0 : 27142207   |
| Object classificatiecode | F  |

## Accessories

| Identifier      | 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           |
| 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           |

## Categorieën

Laagspanningsproducten en -systemen → Modulaire DIN rail producten → Aardlekschakelaars RCD's → Aardlekschakelaars met bescherming tegen overbelasting, RCBO

