

PRODUCT-DETAILS

DS201 L C32 APR30

DS201 L C32 APR30 Residual Current Circuit Breaker with Overcurrent Protection



Informations générales

| | |
|------------------------------|---|
| Extension du type de produit | DS201 L C32 APR30 |
| Code de produit | 2CSR245480R1324 |
| EAN | 8012542639015 |
| Description courte | DS201 L C32 APR30 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 and direct pulsating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA). The APR type provides an optimal trade-off between safety and continuity of service, thanks to the resistance to unwanted trippings, offering good protection and isolation of resistive and inductive loads. |

Technique

| | |
|--|----------------------------------|
| Normes et standards | IEC/EN 61009-1, IEC/EN 61009-2-1 |
| Tripping Characteristic | C |
| Type of Residual Current | A type |
| Tension nominale (U_r) | 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) | 170 ... 264 V |
| Dielectric Test Voltage | 2 kV |

| | |
|---|---|
| Primary Rated Impulse Withstand Voltage | 4 kV |
| Type de tension | AC |
| Courant nominal (I_n) | 32 A |
| Rated Residual Current | 30 mA |
| Rated Short-Circuit Capacity | 4.5 kA |
| Pouvoir assigné de coupure ultime en court-circuit (I_{cu}) | 6 kA |
| Rated Residual Breaking Capacity ($I_{\Delta m}$) | EN 61009-1 4500 A IEC 61009-1 4500 A |
| Rated Conditional Short-Circuit Current (I_{nc}) | 6 kA |
| Pouvoir assigné de coupure de service en court-circuit (I_{cs}) | 4.5 kA |
| Maximum Surge Current | 3 kA |
| Fréquence (f) | 50/60 Hz |
| Fréquence assignée (f) | 50 ... 60 Hz |
| Power Loss | Average per Pole 5.0 W Phase Pole 6.4 W Neutral Pole 3.5 W Total 9.9 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 (APR High Immunity) |
| 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 |
| Surge Immunity acc. to IEC 61000-4-5 | 3000 A |
| Nombre de batteries | 0 |
| Cable Size | 25 mm ² |
| Connecting Capacity | Busbar 10 ... 10 mm ² Stranded 0.75 ... 25 mm ² Flexible with Ferrule 0.75 ... 16 mm ² Flexible 0.75 ... 16 mm ² |

| | |
|-----------------------|-----------------|
| 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 ₂) | 69 mm |

Commande

| | |
|---------------------------|-------------|
| Emballage Niveau 1 Unités | box 1 pièce |
| Emballage Niveau 1 Poids | 225 g |

Certificats et Déclarations (Numéro de document)

| | |
|--------------------------------|------------------------------------|
| CB Certificate | 9AKK107492A6062 |
| CCC Certificate | 9AKK107492A6068 |
| Déclaration de Conformité - CE | 9AKK106713A5588 |
| EAC Certificate | 9AKK107492A6071 9AKK107991A7755 |
| Certificat GOST | 9AKK107992A1640 |
| IMQ Certificate | 9AKK107492A6073 |

Installation

Instructions et manuels

9AKK107492A6006

Downloads Préférés

Fiche produit, informations techniques

9AKK107492A6187

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 | F |

Accessories

| Identifiant | 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

