

PRODUCT-DETAILS

# DS202CR M B25 A30

## DS202CR M B25 A30 Residual Current Circuit Breaker with Overcurrent Protection



### Informations générales

|                              |  |
|------------------------------|--|
| Extension du type de produit | DS202CR M B25 A30  |
| Code de produit              | 2CSR772140R1255  |
| EAN                          | 4022903034575  |
| Description courte           | DS202CR M B25 A30 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 |
|---|-----------------|

### Technique

|                          |                                    |
|--------------------------|------------------------------------|
| Normes et standards      | IEC/EN 61009-1<br>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 ( $I_n$ )   | 25 A  |
| Rated Residual Current  | 30 mA   |
| Rated Short-Circuit Capacity  | 10 kA   |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )     | 10 kA   |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ ) | 7.5 kA  |
| Maximum Surge Current   | 0.25 kA   |
| Leakage Current Type  | A   |
| Fréquence (f)   | 50 Hz   |
| Fréquence assignée (f)  | 50 Hz   |
| Power Loss  | 6.20 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<br>Left   |
| Couple de serrage   | 4 N·m   |
| Type d'accessoire   | Auxiliary contact<br>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><br>Flexible 1...25 mm <sup>2</sup><br>Rigid Solid 1...35 mm <sup>2</sup> |
| Section nominale  | 1 - Solid-Core 1 ... 35 mm <sup>2</sup><br>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<br>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                | 9AKK108467A6462 |
| Certificat NF                  | 9AKK108467A7737 |
| Certificat RINA                | 9AKK108467A7089 |
| VDE Certificate                | 9AKK108467A7823 |

## Installation

|                         |                 |
|-------------------------|-----------------|
| Instructions et manuels | 9AKK108466A5165 |
|-------------------------|-----------------|

## Downloads Préférés

|  |                 |
|--|-----------------|
| Fiche produit, informations techniques | 9AKK108467A1864 |
|--|-----------------|

## 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 |
|-----------------|--|---------------------|----------|-----------------|
| 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<br>-KL | 1        | piece           |

---

**Catégories**

---

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

