

PRODUCT-DETAILS

# S751DR-K25

## S751DR-K25 Selective Main Circuit Breaker



### Informations générales

|                              |  |
|------------------------------|--|
| Extension du type de produit | S751DR-K25   |
| Code de produit              | 2CDH781010R0517  |
| EAN                          | 4016779879088  |
| Description courte           | S751DR-K25 Selective Main Circuit Breaker  |
| Description longue           | Selective main circuit-breakers of the S 750 DR series are SMCBs based on DIN VDE 0641 -21 with voltage-independent operating principle. This means that they do not rely on a control circuit to make or break contact (SHU) and are therefore particularly suitable for use in energy distributionsystems with maximum availability requirements. They offer total selectivity to downstream MCBs and outstanding selectivity to upstream protective devices due to unique current limiting selectivity. |

### Technique

|  |  |
|--|--|
| Normes et standards                            | IEC/EN 60947-2                           |
| Tripping Characteristic                        | K (Selective)                            |
| Suitable for Isolation                         | Oui                                      |
| Tension  | 230 V AC<br>acc. to IEC 60947-2 230 V AC |
| Tension assignée d'isolement (U <sub>i</sub> ) | acc. to IEC/EN 60664-1 690 V             |
| Tension assignée de                            | 6 kV                                     |

|   |  |
|---|--|
| tenue aux chocs ( $U_{imp}$ )                                       | at 2000 m 8 kV<br>at Sea Level 9.8 kV  |
| Dielectric Test Voltage   | 50/60 Hz, 1 min: 2 kV  |
| Courant nominal ( $I_n$ )   | 25 A   |
| Rated Short-Circuit Capacity  | (230 V AC) 25 kA   |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )     | (230 V AC) 25 kA   |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ ) | (230 V AC) 12.5 kA   |
| Fréquence assignée (f)  | 50 / 60 Hz   |
| Power Loss  | at Rated Operating Conditions per Pole 5.5 W   |
| Power Supply Connection   | Arbitrary  |
| Contact Position Indication   | Red ON / Green OFF   |
| Nombre de pôles   | 1  |
| Catégorie de Surtension   | IV   |
| Couple de serrage   | 2.5 ... 3 N·m  |
| Type de montage   | DIN-Rail   |
| Screw Terminal Type   | Cable Clamp  |
| Actuator Marking  | I / O  |
| Montage sur rail DIN  | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715<br>TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715   |
| Type d'encastrement   | any  |
| Recommended Screw Driver  | Cross Recess Pozidriv 2<br>Slotted 1 x 5.5   |
| Accessories Available   | Oui  |
| Connecting Capacity   | Flexible with Ferrule 2.5 ... 50 mm <sup>2</sup><br>Flexible 2.5 ... 50 mm <sup>2</sup><br>Rigid 2.5 ... 50 mm <sup>2</sup><br>Stranded 2.5 ... 50 mm <sup>2</sup> |
| Installation Size   | acc. to DIN 43880 3  |
| Type de borne   | Screw Terminals  |

## Environnement

|  |  |
|--|--|
| Température de l'air ambiant                   | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C                     |
| Indice de protection                           | IP20<br>Enclosure with Cover IP40                                      |
| Degré de pollution                             | 3  |
| Environmental Conditions                       | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 %              |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 2g, 20 cycles at 5 ... 150 ... 5Hz                                     |
| Résistance aux chocs selon CEI 60068-2-27      | 30g 3 shocks 11 ms   |
| Statut RoHS                                    | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Informations RoHS                              | 2CDK400642D0201  |

|   |                 |
|---|-----------------|
| REACH Declaration                           | 9AKK107492A1906 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

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## Dimensions

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|----------------------|-----------------|
| Produit Largeur Net  | 27 mm           |
| Produit Hauteur Net  | 130 mm          |
| Produit Longueur Net | 92 mm           |
| Poids net            | 0.35 kg         |
| Schéma dimensionnel  | 2CDC022023F0011 |

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## Commande

|                           |                |
|---------------------------|----------------|
| Emballage Niveau 1 Unités | carton 3 pièce |
| Emballage Niveau 1 Poids  | 1.35 kg        |

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## Certificats et Déclarations (Numéro de document)

|                                |                 |
|--------------------------------|-----------------|
| Agence de certification        | EN<br>IEC       |
| Déclaration de Conformité - CE | 2CDK400633D2701 |
| I <sup>pt</sup> Characteristic | 9AKK108466A4490 |

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## Installation

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|-------------------------|-----------------|
| Instructions et manuels | 2CDS707001P0004 |
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## Downloads Préférés

|  |                 |
|--|-----------------|
| Fiche produit, informations techniques     | 9AKK107991A5989 |
| Data Sheet, Technical Information (Part 2) | 9AKK108466A4493 |
| I <sup>pt</sup> Characteristic             | 9AKK108466A4490 |
| Time-Current Characteristic Curve          | 9AKK108466A4496 |

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## Classifications

|                |  |
|----------------|--|
| ETIM 8         | EC001047 - Selective main line circuit breaker             |
| ETIM 9         | EC001047 - Selective main line circuit breaker             |
| Catégorie DEEE | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Business                                       |
| CN8            | 8536 90 95   |

UNSPSC

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eClass

V11.0 : 27141903

Code de classification  
d'objet

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## Catégories

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Produits basse tension → Appareillage modulaire et parafoudres → Selective Main Circuit Breakers SMCBs → Disjoncteurs S700 → S750DR

