

PRODUCT-DETAILS

# S753DR-E20

## S753DR-E20 Selective Main Circuit Breaker



### Informations générales

Extension du type de produit	S753DR-E20
Code de produit	2CDH783010R0202
EAN	4016779879576
Description courte	S753DR-E20 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	E (Selective)
Suitable for Isolation	Oui
Tension	400 V AC acc. to IEC 60947-2 400 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 at Sea Level 9.8 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Courant nominal ( $I_n$ )	20 A
Rated Short-Circuit Capacity	(400 V AC) 25 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	(400 V AC) 25 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	(400 V AC) 12.5 kA
Fréquence assignée (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 5.4 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Nombre de pôles	3
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 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 Slotted 1 x 5.5
Accessories Available	Oui
Connecting Capacity	Flexible with Ferrule 2.5 ... 50 mm <sup>2</sup> Flexible 2.5 ... 50 mm <sup>2</sup> Rigid 2.5 ... 50 mm <sup>2</sup> 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 Storage -40 ... +70 °C
Indice de protection	IP20 Enclosure with Cover IP40
Degré de pollution	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % 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

## Dimensions

Produit Largeur Net	81 mm
Produit Hauteur Net	130 mm
Produit Longueur Net	96 mm
Poids net	1.05 kg
Schéma dimensionnel	2CDC022023F0011

## Commande

Emballage Niveau 1 Unités	carton 1 pièce
Emballage Niveau 1 Poids	1.15 kg
E-Number (Finland)	3210862

## Certificats et Déclarations (Numéro de document)

Agence de certification	EN IEC
Déclaration de Conformité - CE	2CDK400633D2701
I <sup>t</sup> t Characteristic	9AKK108466A4492

## Installation

Instructions et manuels	2CDS707001P0004
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## Downloads Préférés

Fiche produit, informations techniques	9AKK107991A5989
Data Sheet, Technical Information (Part 2)	9AKK108466A4494
I <sup>t</sup> t Characteristic	9AKK108466A4492
Time-Current Characteristic Curve	9AKK108466A4496

## 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	39121614
eClass	V11.0 : 27141903
Code de classification d'objet	F

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## Catégories

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

