

PRODUCT-DETAILS

# FS401E-C20/0.03

## FS401E-C20/0.03 Residual Current Circuit Breaker with Overcurrent Protection



### Informations générales

Extension du type de produit	FS401E-C20/0.03
Code de produit	2CCL562110E0204
EAN	7612270104574
Description courte	FS401E-C20/0.03 Residual Current Circuit Breaker with Overcurrent Protection
Description longue	Pluggable Residual Current Circuit Breaker with overcurrent Protection for the SMISLINE TP System acc. IEC/EN/DIN EN 61009-1, EN/DIN EN 61009-2-1 Rated breaking capacity I <sub>cn</sub> 6kA Tripping characteristic C Rated current I <sub>n</sub> 20A Rated sensitivity I <sub>Δn</sub> 0.03A Rated voltage U <sub>e</sub> 240VAC

### Technique

Normes et standards	IEC 61009-1 EN 61009-1 DIN EN 61009-1 EN 61009-2-1 DIN EN 61009-2-1
Tripping Characteristic	C
Type of Residual Current	A type
Tension	240 V AC
Tension assignée d'isolement (U <sub>i</sub> )	500 V
Tension assignée de tenue aux chocs (U <sub>imp</sub> )	4 kV
Dielectric Test Voltage	2500 V

Type de tension	AC
Courant nominal ( $I_n$ )	20 A
Courant nominal de fonctionnement ( $I_e$ )	20 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	(AC) 6 kA (240 / 415 V AC) 6 kA
Rated Residual Breaking Capacity ( $I_{\Delta m}$ )	6000 A
Maximum Surge Current	0.25 kA
Leakage Current Type	A
Fréquence (f)	50/60 Hz
Fréquence assignée (f)	50 ... 60 Hz
Power Loss	3 W
Contact Position Indication	Red ON / Green OFF
Classe de limitation d'énergie	3
Electrical Endurance	10000 cycle
Mechanical Endurance	10000 cycle
Nombre de pôles	2
Number of Protected Poles	1
Operating Characteristic	Instantaneous
Catégorie de Surtension	III
Position of Neutral Terminals	Right
Couple de serrage	2.8 N·m
Actuator Type	Toggle
Earthing Switch Type	Undelayed
Type de libération	C
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Material	Insulation Group II, Black, Sealable
Qualité du matériau	Insulation Group I, RAL 7035
Type d'encastrement	Any
Accessories Available	Oui
Connecting Capacity	Stranded 0.75 ... 35 mm <sup>2</sup> Flexible 0.75 ... 25 mm <sup>2</sup>
Section nominale	1 - Solid-Core 0...35 mm <sup>2</sup> 4 - Multi-Wired 0...35 mm <sup>2</sup>

## Environnement

Température extérieure	-25 ... 60 °C
Reference Ambient Air Temperature	30 °C
Indice de protection	IP20
Degré de pollution	2
Resistance to Vibrations acc. to IEC 60068-2-6	2...13.2 Hz/1 mm 13.2...100Hz/0.7 g, 5 cycles 5...150 ... 5 Hz/1 g, 4 waves
Statut RoHS	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Informations RoHS	2CCC413008D0206_RoHS
Informations environnementales	9AKK108467A9561

Conflict Minerals  
Reporting Template  
(CMRT)

9AKK108468A3363

## Dimensions

Width in Number of Modular Spacings	1
Produit Largeur Net	36 mm
Produit Hauteur Net	91 mm
Produit Longueur Net	78 mm
Poids net	200 g
Taille	2 modules
Profondeur d'encastrement (t <sub>2</sub> )	91 mm
Schéma dimensionnel	9AKK107492A6192

## Commande

Quantité minimum	1 pièce
Emballage Niveau 1 Unités	carton 1 pièce
Emballage Niveau 1 Poids	239 g
E-Number (Switzerland)	809120837

## Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	2CCC451036D0201
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## Installation

Instructions et manuels	9AKK107680A1664
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## Downloads Préférés

Fiche produit, informations techniques	9AKK107492A6192
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## 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 Business
CN8	85362020
eClass	V11.0 : 27142207
Code de classification d'objet	FB

## Accessories

Identifiant	Description	Type	Quantity	Unit Of Measure
2CCS500900R0081	HK40011-L	HK40011-L Auxiliary switch	1	piece
2CCF201112R0001	HK40020-L	HK40020-L Auxiliary switch	1	piece
2CCF201114R0001	HK40002-L	HK40002-L Auxiliary switch	1	piece
2CCS500900R0101	SK40011-L	SK40011-L Signal contact	1	piece
2CCF201162R0001	SK40020-L	SK40020-L Signal contact	1	piece
2CCF201164R0001	SK40002-L	SK40002-L Signal contact	1	piece
2CCS500900R0141	SK40010-LSA	SK40010-LSA Signal contact	1	piece
2CCF201212R0001	HK40010-LSA	HK400 10-L SA Auxiliary switch	1	piece
2CCS500900R0161	ZLS931	ZLS931 Spare parts	1	piece
2CCA880212R0001	CMS-122PS	CMS-122PS Sensor	1	piece
2CCA880102R0001	CMS-102PS	CMS-102PS Sensor	1	piece

## Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Plug-in Distribution Systems → Système Smissline → Residual Current Circuit Breakers with Overcurrent Protection RCBO

