

PRODUCT-DETAILS

FS401MK-B20/0.03

FS401MK-B20/0.03 Residual Current Circuit Breaker with Overcurrent Protection



Informations générales

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|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension du type de produit | FS401MK-B20/0.03 |
| Code de produit | 2CCL562310E1205 |
| EAN | 7612271472962 |
| Description courte | FS401MK-B20/0.03 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 _{cn} 10kA Type F; AP-R (high immunity) Tripping characteristic B Rated current I _n 20AK Rated sensitivity I _{Δn} 0.03 Rated voltage U _e 240VAC |

Technique

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|------------------------------------------------|---------------------------------------------------------------------------------|
| Normes et standards | IEC 61009-1 EN 61009-1 DIN EN 61009-1 EN 61009-2-1 DIN EN 61009-2-1 |
| Tripping Characteristic | B |
| Type of Residual Current | F type |
| Tension | acc. to IEC 60898-1 240 V |
| Tension assignée d'isolement (U _i) | acc. to IEC/EN 60664-1 500 V |

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|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Tension assignée de tenue aux chocs (U_{imp}) | 4 kV |
| Dielectric Test Voltage | 2500 V |
| Type de tension | AC |
| Courant nominal (I_n) | 20 A |
| Rated Residual Current | 30 mA |
| Rated Short-Circuit Capacity | 10 kA |
| Pouvoir assigné de coupure ultime en court-circuit (I_{cu}) | 15 kA |
| Rated Residual Breaking Capacity ($I_{\Delta m}$) | 10000 A |
| Pouvoir assigné de coupure de service en court-circuit (I_{cs}) | (240 V AC) 7.5 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}) | 10 kA |
| Maximum Surge Current | 3 kA |
| Leakage Current Type | F |
| 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 |
| Number of Protected Poles | 1 |
| Nombre de pôles | 2 |
| Operating Characteristic | Instantaneous (APR High Immunity) |
| Catégorie de Surtension | III |
| Position of Neutral Terminals | Right |
| Couple de serrage | 2.8 N·m |
| Actuator Type | Toggle |
| Earthing Switch Type | Short-Time Delayed |
| Type de libération | B |
| 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 ² Flexible 0.75 ... 25 mm ² |
| Section nominale | 1 - Solid-Core 0.75 ... 35 mm ² 4 - Multi-Wired 0.75 ... 10 mm ² |

Environnement

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|------------------------------------------------|-----------------------------------------------------------------------------------|
| Température extérieure | -25 ... 60 °C |
| Température de l'air ambiant | Operation -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 |

Technique UL/CSA

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|-------------------------------------|--------|
| Short-Circuit Current Rating (SCCR) | 0.03 A |
|-------------------------------------|--------|

Dimensions

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|---------------------------------------------|-----------------|
| Width in Number of Modular Spacings | 2 |
| Produit Largeur Net | 36 mm |
| Produit Hauteur Net | 91 mm |
| Produit Longueur Net | 78 mm |
| Poids net | 200 g |
| Profondeur d'encastrement (t ₂) | 91 mm |
| Schéma dimensionnel | 9AKK107492A6192 |

Commande

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|---------------------------|----------------|
| Emballage Niveau 1 Unités | carton 1 pièce |
| Emballage Niveau 1 Poids | 239 g |
| E-Number (Switzerland) | 809050127 |

Certificats et Déclarations (Numéro de document)

| | |
|--------------------------------|-----------------|
| Déclaration de Conformité - CE | 2CCC451036D0201 |
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Installation

Instructions et manuels

9AKK107680A1664

Downloads Préférés

Fiche produit, informations
techniques

9AKK107492A6192

Classifications

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|-----------------------------------|------------------------------------------------------------|
| 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 Smisline → Residual Current Circuit Breakers with Overcurrent Protection RCBO

