

PRODUCT-DETAILS

# S401M-D32NP

## S401M-D32NP Miniature Circuit Breaker



### Informations générales

Extension du type de produit	S401M-D32NP
Code de produit	2CCS571103R8321
EAN	7612270103577
Description courte	S401M-D32NP Miniature Circuit Breaker

Description longue

SMISSLINE TP S400M are a current limiting miniature circuit breakers. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D,K), configurations (1P,1P+N,2P,3P,3P+N), breaking capacities (up to 10 kA at 240/415 V AC ) and rated currents (up to 63A). MCBs of the product range S400M are comply with IEC/EN 60898-1 for B,C and D characteristic and IEC/EN 60947-2 for C and K characteristic. The pluggable solution is only for the SMISSLINE TP System, allowing the use for commercial, industrial, and critical power applications.

### Technique

Normes et standards	IEC/EN 60898-1
Tripping Characteristic	D
Tension	acc. to IEC 60898-1 230 V AC
Operational Voltage	Minimum 12 V AC
Tension assignée d'isolement (U <sub>i</sub> )	acc. to IEC/EN 60664-1 440 V

Tension assignée de tenue aux chocs ( $U_{imp}$ )	4 kV
Type de tension	AC
Courant nominal ( $I_n$ )	32 A
Courant nominal de fonctionnement ( $I_e$ )	32 A
Rated Short-Circuit Capacity	(AC) 10 kA (230 / 400 V AC) 10 kA
Fréquence (f)	50 ... 60 Hz
Fréquence assignée (f)	50 ... 60 Hz
Power Loss	6.2 W
Power Supply Connection	Arbitrary
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	2
Catégorie de Surtension	III
Couple de serrage	2.8 N·m
Type de libération	D
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Type d'encastrement	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Oui
Connecting Capacity	Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup> Flexible 0.75 ... 25 mm <sup>2</sup> Rigid 0.75 ... 35 mm <sup>2</sup> Stranded 0.75 ... 35 mm <sup>2</sup>
Type de borne	Screw Terminals

## Environnement

Température de l'air ambiant	Operation -25 ... +60 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Indice de protection	IP20
Degré de pollution	3
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 2011/65/EU and Amendment 2015/863 July 22, 2019
Informations RoHS	9AKK107991A9634
Informations	9AKK108467A9561

## environnementales

Conflict Minerals  
Reporting Template  
(CMRT)

9AKK108468A3363

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**Dimensions**

Width in Number of Modular Spacings	2
Produit Largeur Net	36 mm
Produit Hauteur Net	91 mm
Produit Longueur Net	75 mm
Poids net	221 g
Taille	2 modules
Profondeur d'encastrement (t <sub>2</sub> )	82 mm
Schéma dimensionnel	9AKK107492A6192

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**Commande**

Quantité minimum	1 pièce
Emballage Niveau 1 Unités	carton 5 pièce
Emballage Niveau 1 Poids	1169 g
E-Number (Switzerland)	809822817

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**Certificats et Déclarations (Numéro de document)**

Déclaration de Conformité - CE	9AKK107991A9634
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**Installation**

Instructions et manuels	2CCC451019M0109
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**Popular Downloads**

Fiche produit, informations techniques	9AKK107492A6192
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**Classifications**

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
DEEE B2C / B2B	Business To Business
CN8	85362020

eClass

V11.0 : 27141901

Code de classification  
d'objet

FC

## Accessories

Identifiant	Description	Type	Quantity	Unit Of Measure
2CCS500900R0081	HK40011-L	HK40011-L Auxiliary swtich	1	piece
2CCF201112R0001	HK40020-L	HK40020-L Auxiliary swtich	1	piece
2CCF201114R0001	HK40002-L	HK40002-L Auxiliary swtich	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 swtich	1	piece
2CCS500900R0161	ZLS931	ZLS931 Spare parts	1	piece
2CCA880211R0001	CMS-121PS	CMS-121PS Sensor	1	piece
2CCA880101R0001	CMS-101PS	CMS-101PS Sensor	1	piece

## Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Plug-in Distribution Systems → Système Smissline → Miniature Circuit Breakers MCBs

