

PRODUCT-DETAILS

# S401M-K1.6NP

## S401M-K1.6NP Miniature Circuit Breaker



### Algemene informatie

Type	S401M-K1.6NP
Artikelnummer	2CCS571103R8257
EAN	7612270103638
Omschrijving	S401M-K1.6NP Miniature Circuit Breaker

Omschrijving

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.

### Technical

Normen	IEC/EN 60947-2
Uitschakelkenmerk	K
Nominaal bedrijfsvoltage	acc. to IEC 60898-1 240 V AC acc. to IEC 60947-2 240 V AC
Operationeel voltage	Maximum (inclusief tolerantie) 254 V AC Minimum 12 V AC

	Minimum 12 V DC
Nominaal isolatievoltage ( $U_i$ )	acc. to IEC/EN 60664-1 440 V
Nominale impuls gresvoltage ( $U_{imp}$ )	4 kV
Ingangsspanningstype	AC
Toegekende stroom ( $I_n$ )	1.6 A
Nominale bedrijfsstroom ( $I_e$ )	1.6 A
Nominaal kortsluitvermogen	(AC) 10 kA (240 / 415 V AC) 10 kA
Nominaal ultiem kortsluitvermogen ( $I_{cu}$ )	(240 V AC) 25 kA (254 V AC) 15 kA
Nominaal kortsluitinschakelvermogen ( $I_{cm}$ )	(254 V AC) 30 kA (240 V AC) 52.2 kA
Nominaal vermogen kortsluitvermogen ( $I_{cs}$ )	(240 V AC) 15 kA (254 V AC) 7.5 kA
Nominaal vermogen kortsluitvermogen, in % van $I_{cu}$ ( $I_{cs}$ )	50 %
Frequentie (f)	50 ... 60 Hz
Toegekende frequentie (f)	50 ... 60 Hz
Vermogensverlies	3.2 W
Aansluiting voeding	Arbitrary
Statusindicator	Red ON / Green OFF
Energiebeperkende klasse	3
Elektrisch uithoudingsvermogen	10000 cycle
Mechanisch uithoudingsvermogen	10000 cycle
Aantal polen	2
Aantal beveiligde polen	2
Overspanningscategorie	III
Aanhaalmoment	2.8 N·m
Uitgavetype	K
Type schroefklem	Failsafe Bi-directional Cylinder-lift Terminal
Aansturingsmarkering	I / O
Plaats van inbouw	Any
Aanbevolen schroevendraaier	Pozidriv 2
Accessoires beschikbaar	Yes
Verbindingscapaciteit	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>
Terminaltype	Schroef

## Environmental

Omgevingsluchttemperatuur	Werking -25 ... +60 °C Opslag -40 ... +70 °C
Referentie omgevingsluchttemperatuur	40 °C
Beschermingsgraad	IP20
Verontreinigingsgraad	3
Weerstand tegen trillingen volgens 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
RoHS-status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS-informatie	9AKK107991A9634
Milieu-informatie	9AKK108467A9561
Rapport over conflictmineralen (CMRT)	9AKK108468A3363

## Dimensions

Breedte in module-eenheden	2
Product netto breedte	36 mm
Product netto hoogte	91 mm
Product netto diepte	75 mm
Product netto gewicht	221 g
Grootte	2 modules
Inbouwdiepte (t <sub>2</sub> )	82 mm
Dimensiediagram	9AKK107492A6192

## Ordering

Minimale bestelhoeveelheid	1 stuk
Pakketniveau 1 Units	karton 5 stuk
Pakketniveau 1 Brutoweight	1169 g
E-Number (Switzerland)	809211817

## Certificates and Declarations

Conformiteitsverklaring - CE	9AKK107991A9634
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## Installation

Instructies en handleidingen	2CCC451019M0109
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## Popular Downloads

Gegevensblad, technische informatie

9AKK107492A6192

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**Classifications**


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ETIM 8	EC000042 - Installatieautomaat
ETIM 9	EC000042 - Installatieautomaat
WEEE-categorie	5. Small Equipment (No External Dimension More Than 50 cm)
AEEA B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27141901
Object classificatiecode	FC

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**Accessories**


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Identifier	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

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**Categorieën**


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Laagspanningsproducten en -systemen → Modulaire DIN rail producten → Plug-in Distribution Systems → Plug-in stroomverdeling → Miniature Circuit Breakers MCBs

