

PRODUCT-DETAILS

S402M-C4

S402M-C4 Miniature Circuit Breaker



Algemene informatie

Type	S402M-C4
Artikelnummer	2CCS572001R0044
EAN	7612270102143
Omschrijving	S402M-C4 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 60898-1 IEC/EN 60947-2
Uitschakelkenmerk	C
Nominaal bedrijfsvoltage	acc. to IEC 60898-1 240 ... 415 V AC acc. to IEC 60947-2 240 ... 415 V AC
Operationeel voltage	Maximum (inclusief tolerantie) 440 V AC

	Minimum 12 V AC Minimum 12 V DC
Nominaal isolatievoltage (U_i)	acc. to IEC/EN 60664-1 440 V
Nominale impuls grensvoltage (U_{imp})	4 kV
Ingangsspanningstype	AC
Toegekende stroom (I_n)	4 A
Nominale bedrijfsstroom (I_e)	4 A
Nominaal kortsluitvermogen	(AC) 10 kA (240 V AC) 10 kA (240 / 415 V AC) 10 kA
Nominaal ultiem kortsluitvermogen (I_{cu})	(240 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 15 kA
Nominaal kortsluitinschakelvermogen (I_{cm})	(440 V AC) 30 kA (415 V AC) 52.2 kA
Nominaal vermogen kortsluitvermogen (I_{cs})	(240 V AC) 15 kA (415 V AC) 15 kA (440 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	3.4 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	C
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 ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Terminaltype	Schroef

Environmental

Omgevingsluchttemperatuur	Werking -25 ... +60 °C Opslag -40 ... +70 °C
Referentie omgevingsluchttemperatuur	30 °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 2002/95/EC August 18, 2005 and amendment
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 ₂)	75 mm
Dimensiediagram	9AKK107492A6192

Ordering

Minimale bestelhoeveelheid	1 stuk
Pakketniveau 1 Units	karton 5 stuk
Pakketniveau 1 Brutogewicht	1170 g
E-Number (Switzerland)	809145807

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

Classifications

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

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CCS500900R0081	HK40011-L	HK40011-L Auxiliary switch	1	piece
2CCS500900R0214	HK40011-R	HK40011-R Auxiliary switch	1	piece
2CCF201112R0001	HK40020-L	HK40020-L Auxiliary switch	1	piece
2CCF201114R0001	HK40002-L	HK40002-L Auxiliary switch	1	piece
2CCF201113R0001	HK40020-R	HK40020-R Auxiliary switch	1	piece
2CCF201115R0001	HK40002-R	HK40002-R Auxiliary switch	1	piece
2CCS500900R0101	SK40011-L	SK40011-L Signal contact	1	piece
2CCS500900R0215	SK40011-R	SK40011-R Signal contact	1	piece
2CCF201162R0001	SK40020-L	SK40020-L Signal contact	1	piece
2CCF201164R0001	SK40002-L	SK40002-L Signal contact	1	piece
2CCF201163R0001	SK40020-R	SK40020-R Signal contact	1	piece
2CCF201165R0001	SK40002-R	SK40002-R Signal contact	1	piece
2CCS500900R0141	SK40010-LSA	SK40010-LSA Signal contact	1	piece
2CCF201212R0001	HK40010-LSA	HK400 10-L SA Auxiliary switch	1	piece
2CCS500900R0216	SK40010-RSA	SK40010-RSA Signal contact	1	piece
2CCF201213R0001	HK40010-RSA	HK400 10-R SA Auxiliary switch	1	piece
2CCS500900R0161	ZLS931	ZLS931 Spare parts	1	piece
2CCS500900R0021	NT40163	NT401-63 Neutral disconnect terminal block	1	piece
2CCS500900R0011	NT40263	NT402-63 Neutral disconnect terminal block	1	piece
2CDS200909R0001	S2C-A1	S2C-A1 Shunt Trip	1	piece
2CDS200909R0002	S2C-A2	S2C-A2 Shunt Trip	1	piece
2CCA880212R0001	CMS-122PS	CMS-122PS Sensor	2	piece
2CCA880102R0001	CMS-102PS	CMS-102PS Sensor	2	piece

Categorieën

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

