

PRODUCT-DETAILS

S401M-B6NP Miniature Circuit Breaker



General Information

Extended Product Type	S401M-B6NP
Product ID	2CCS571103R8065
EAN	7612270103317
Catalog Description	S401M-R6NP Miniature Circuit Breaker

Long Description

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

Standards	IEC/EN 60898-1	
Tripping Characteristic	В	
Rated Operational Voltage	I Voltage acc. to IEC 60898-1 230	
Operational Voltage	Minimum 12 V AC	
Rated Insulation Voltage	acc. to IEC/EN 60664-1 440 V	

Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I _n)	6 A
Rated Operational Current (I _e)	6 A
Rated Short-Circuit Capacity	(AC) 10 kA (230 / 400 V AC) 10 kA
Frequency (f)	50 60 Hz
Rated Frequency (f)	50 60 Hz
Power Loss	3.6 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	10000 cycle
Number of Poles	2
Number of Protected Poles	2
Overvoltage Category	III
Tightening Torque	2.8 N·m
Release Type	В
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	1/0
Mounting Position	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Connecting Capacity	Flexible with Ferrule 0.75 25 mm² Flexible 0.75 25 mm² Rigid 0.75 35 mm² Stranded 0.75 35 mm²
Terminal Type	Screw Terminals

Environmental Operation -25 ... +60 °C Ambient Air Temperature Storage -40 ... +70 °C Reference Ambient Air 30 °C Temperature IP20 Degree of Protection Pollution Degree Resistance to Vibrations 2...13.2 Hz/1 mm acc. to IEC 60068-2-6 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 Information** 9AKK107991A9634 **Environmental Information** 9AKK108467A9561 **Conflict Minerals** 9AKK108468A3363

Reporting Template (CMRT)

Modular Spacings		
Modular Spacings	Dimensions	
Product Net Height 91 mm Product Net Depth / Length 82 mm Product Net Weight 221 Size 2 module Bull-In Depth (t_2) 82 mm Dimension Diagram 9AKK107492A619 Ordering Installation Minimum Order Quantity 1 piece Package Level 1 Units card no 5 piec Package Level 1 Gross 1169 Weight 80901681 Certificates and Declarations 9AKK107991A963 Declaration of Conformity 9AKK107991A963 Declaration of Conformity 9AKK107991A963 Certificates and Manuals 2CCC451019M010 Popular Downloads Data Sheet, Technical Information 9AKK107492A619 Classifications ETIM 9 EC000042 - Miniature circuit breaker (MCE ETIM 9 ETIM 9 EC000042 - Miniature circuit breaker (MCE ETIM 9 EC000042 - Miniature circuit breaker (MCE ETIM 9 EC000042 - Miniature circuit breaker (MCE ETIM 9 WEEE 2CJ / B2B Business To Busines CNB 8536202 Collass V11.0 : 2714190		2
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eClass V11.0 : 2714190		85362020
		V11.0 : 27141901
	Object Classification Code	FC

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Accessories				
Identifier	Description	Туре	Quantity	Unit Of Measure
2CCS500900R0081	HK40011-I	HK40011-L iliary swtich	1	piece
2CCF201112R0001	HK40020-I	HK40020-L iliary swtich	1	piece
2CCF201114R0001	HK40002-I	HK40002-L iliary swtich	1	piece
2CCS500900R0101	SK10011 I	SK40011-L jnal contact	1	piece
2CCF201162R0001		SK40020-L nal contact	1	piece
2CCF201164R0001	SKANNO2-I	SK40002-L gnal contact	1	piece
2CCS500900R0141	SK40010-I SA	40010-LSA nal contact	1	piece
2CCF201212R0001		HK400 10-L SA Auxiliary swtich	1	piece
2CCS500900R0161	ZLS931 ZLS	S931 Spare parts	1	piece
2CCA880212R0001	CMS-122PS	MS-122PS Sensor	1	piece
2CCA880102R0001	CMS-102PS	MS-102PS Sensor	1	piece

Categories

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