



PRODUCT-DETAILS

S401M-K1NP

Miniature Circuit Breaker



概要信息	
产品型号	S401M-K1NP
产品ID	2CCS571103R8217
欧洲商品编号(EAN)	7612270103621
目录说明	Miniature Circuit Breaker
详细描述	SMISLINE 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 SMISLINE TP System, allowing the use for commercial, industrial, and critical power applications.

ABB EcoSolutions	
ABB EcoSolutions	是
根据EN45555标准的产品可回收率 (%)	Design for Closing Resource Loops - Standard EN45555 - 58.6323356825684 %
Circular Design	9AKK108469A6507

Principles Ecodesign	
在ABB工厂生产，该工厂已达到集团垃圾填埋目标（工厂名称）	No non-hazardous waste is sent to a landfill
包装中的可持续材料含量（重量%）	Recycled Cardboard - 18.1 % Recycled Cardboard - 67.7 % Chemically Recycled Polymer - 0.0 %
延长产品使用寿命	Product Durability
产品寿命终止后的拆解指南	9AKK108469A6908
产品环境声明 - EPD	9AKK108469A5735

技术参数

标准	IEC/EN 60947-2
脱扣特性	K
额定工作电压	acc. to IEC 60898-1 240 V
操作电压	Maximum (Incl. Tolerance) 254 V AC Minimum 12 V AC Minimum 12 V DC
额定绝缘电压 (U _i)	acc. to IEC/EN 60664-1 440 V
额定冲击耐受电压 (U _{imp})	4 kV
输入电压类型	AC
额定电流 (I _N)	1 A
额定工作电流 (I _e)	1 A
额定短路容量	(230 V) 10 kA (400 V) 10 kA
额定极限短路分断容量 (I _{cu})	(230 V) 25 kA (400 V) 25 kA
额定短路接通容量 (I _{cm})	(254 V AC) 30 kA (240 V AC) 52.2 kA
额定服务短路分断容量 (I _{cs})	(240 V AC) 15 kA (254 V AC) 7.5 kA
额定运行短路分断能力, 以I _{cu} 的%表示 (I _{cs})	50 %
频率 (f)	50 ... 60 Hz
额定频率 (f)	50 ... 60 Hz
功率损耗	2.6 W
进线方式	Arbitrary
触头位置指示	Red ON / Green OFF
限能等级	3
电气耐久性	10000 cycle
机械寿命	10000 cycle
保护极数	2
极数	2P
过电压类别	III
拧紧力矩	2.8 N·m
脱扣器类型	K
螺钉端子类型	Failsafe Bi-directional Cylinder-lift Terminal
驱动器标记	I / O
安装位置	Any
推荐的螺丝刀	Pozidriv 2
Accessories Available	是
连接容量	Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ²
端子类型	Screw Terminals

Material Compliance		
RoHS信息		9AKK107991A9634
RoHS状态	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019	
RoHS日期		20170426
REACH Declaration		9AKK108467A9561
REACH Information	True - contains substances > 0.1 mass percentage	
REACH Date		20230417
Conflict Minerals Reporting Template (CMRT)		9AKK108468A3363

环境条件		
周围环境温度		Operation -25 ... 60 °C
编号周围空气温度		40 °C
防护等级		IP20
污染等级		3
耐振动符合IEC 60068-2-6标准		1 mm 2 ... 13.2 Hz
环境信息		9AKK108467A9561

尺寸		
宽度(模块化垫片数)		2
产品净宽		36 mm
产品净高		91 mm
产品净深		75 mm
产品净重		221 g
内深 (t ₂)		82 mm
尺寸图		9AKK107492A6192

订货信息		
1级包装单元		carton 5 piece
1级包装 总重		1169 g
E-Number (Norway)		1623478
E-Number (Switzerland)		809210817

认证及声明（文件编码）		
符合性声明 - CE		9AKK107991A9634

Installation		
说明书和手册		2CCC451019M0109

Popular Downloads		
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分类

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE 类别	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
e级	V11.0 : 27141901
对象分类代码	FC

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CCS500900R0081	HK40011-L	Auxiliary swtich	1	piece
2CCF201112R0001	HK40020-L	Auxiliary swtich	1	piece
2CCF201114R0001	HK40002-L	Auxiliary swtich	1	piece
2CCS500900R0101	SK40011-L	Signal contact	1	piece
2CCF201162R0001	SK40020-L	Signal contact	1	piece
2CCF201164R0001	SK40002-L	Signal contact	1	piece
2CCS500900R0141	SK40010-LSA	Signal contact	1	piece
2CCF201212R0001	HK40010-LSA	Auxiliary swtich	1	piece
2CCS500900R0161	ZLS931	Spare parts	1	piece
2CCA880212R0001	CMS-122PS	Sensor	1	piece
2CCA880102R0001	CMS-102PS	Sensor	1	piece

分类

低压产品及系统 → 线路保护产品 → Plug-in Distribution Systems → 插入式配电系统 → Miniature Circuit Breakers MCBs



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