

PRODUCT-DETAILS

S201M-C16

S201M-C16 Miniature Circuit Breaker - 1P - C - 16 A



概要信息

产品型号	S201M-C16
产品ID	2CDS271001R0164
欧洲商品编号(EAN)	4016779550000
目录说明	S201M-C16 Miniature Circuit Breaker - 1P - C - 16 A

详细描述

System pro M compact S200M miniature circuit breakers are current limiting. 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,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200M comply with IEC/EN 60898-1 and IEC/EN 609 47-2, allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200M to save 50% space.

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 90 %
Recyclability Rate	

Sustainable Material Content	0 %
Offered with Extended Lifetime	Product Durability
Offered with Takeback Services	Take Back for Recycling

Eco Transparency

产品环境声明 - EPD	9AKK108467A7833
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技术参数

标准	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077 CSA 22.2 No. 235
脱扣特性	C
额定工作电压	acc. to IEC 60898-1 230 / 400 V AC acc. to IEC 60947-2 230 V AC
操作电压	Maximum (Incl. Tolerance) 253 V AC Maximum (Incl. Tolerance) 72 V DC 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 at 2000 m 5 kV at Sea Level 6.2 kV
介电试验电压	50/60 Hz, 1 min: 2 kV
输入电压类型	AC/DC
额定电流 (I _n)	16 A
额定短路容量	(AC) 10 kA (230 / 400 V AC) 10 kA
额定极限短路分断容量 (I _{cu})	(133 V AC) 25 kA (230 V AC) 15 kA
额定限制短路电流 (I _{nc})	(230 V) 15 kA
额定服务短路分断容量 (I _{cs})	(133 V AC) 18.8 kA (230 V AC) 7.5 kA
频率 (f)	50 Hz
额定频率 (f)	50 / 60 Hz
功率损耗	2.5 W at Rated Operating Conditions per Pole 2.5 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	20000 AC cycle
机械寿命	20000 cycle
极数	1
保护极数	1
过电压类别	III

拧紧力矩	2.8 N·m
螺钉端子类型	Failsafe Bi-directional Cylinder-lift Terminal
驱动器标记	I / O
驱动器材料	Insulation Group II, Black, Sealable
壳体材料	Insulation Group II, RAL 7035
安装到DIN导轨上	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
安装位置	any
推荐的螺丝刀	Pozidriv 2
Accessories Available	Yes
连接容量	Busbar 10 / 10 mm² Flexible with Ferrule 0.75 ... 25 mm² Flexible 0.75 ... 25 mm² Rigid 0.75 ... 35 mm² Stranded 0.75 ... 35 mm²
安装孔尺寸	acc. to DIN 43880 1
端子类型	Screw Terminals

环境条件

周围环境温度	Operation -25 ... +55 °C Storage -40 ... +70 °C
编号周围空气温度	30 °C
防护等级	IP20 Enclosure with Cover IP40
污染等级	3
环境条件	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
耐振动符合IEC 60068-2-6 标准	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
抗机械冲击符合IEC 60068 -2-27标准	25g 2 shocks 13 ms
RoHS状态	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS信息	2CDK400003K0203
REACH Declaration	9AKK107492A1906
SCIP	9008497a-14f6-4cfd-83c5-11cf3bc660d1 Germany (DE)

UL/CSA适用的技术参数

最高工作电压UL/CSA	60 V DC 480Y/277 V AC
中断额定值符合UL1077标 准	(277 V AC) 6 kA (480Y / 277 V AC) 6 kA (60 V DC) 10 kA
连接容量UL/CSA	Busbar 14-8 AWG Conductor 14-4 AWG
拧紧力矩UL/CSA	18 in·lb

尺寸

宽度(模块化垫片数)	1
产品净宽	17.5 mm
产品净高	88 mm
产品净深	69 mm
产品净重	0.125 kg
极点净重	0.125 kg
内深 (t ₂)	69 mm
尺寸图	2CDC022007F0010

订货信息

最小起订量	1 piece
1级包装单元	carton 10 piece
1级包装 总重	1.295 kg
E-Number (Finland)	3210783
E-Number (Sweden)	2101210

认证及声明 (文件编码)

认证机构	EN IEC
符合性声明 - CE	2CDK403001D0607
Declaration of Conformity - UKCA	9AKK108467A5053
I ^{pt} Characteristic	9AKK107992A5102

Installation

说明书和手册	2CDS207104P0002
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Popular Downloads

数据手册, 技术资料	9AKK107046A0423
I ^{pt} Characteristic	9AKK107992A5102
EPLAN图形宏	9AKK106713A8095
EPLAN宏	9AKK106713A8090

分类

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
EPLAN目录树	Electrical engineering / Protection devices / General
EPLAN功能定义	Circuit breaker / Single circuit breaker / Circuit breaker 1_2
WEEE 类别	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 20 10

UNSPSC	39121603
e级	V11.0 : 27141901
IDEA 粒度分类代码 (IGCC)	4897 >> Miniature circuit breakers
对象分类代码	F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	1	piece
2CDS200936R0001	S2C-H11L Auxiliary Contact	S2C-H11L	1	piece
2CDS200936R0002	S2C-H20L Auxiliary Contact	S2C-H20L	1	piece
2CDS200936R0003	S2C-H02L Auxiliary Contact	S2C-H02L	1	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200909R0001	S2C-A1 Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 Shunt Trip	S2C-A2	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage release	S2C-UA 12 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	S2C-UA 400 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage release	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage release	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage release	S2C-UA 230 DC	1	piece
2CSS201997R0013	S2C-CM1 Motor operating device	S2C-CM1	1	piece
2CSS203997R0013	S2C-CM2/3 Motor operating device	S2C-CM2/3	1	piece
2CSS204997R0013	S2C-CM4 Motor operating device	S2C-CM4	1	piece
GHS2001901R0003	S2C-DH Mechanical Accessories	S2C-DH	1	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST Plug-in base	S2C-EST	1	piece
2CDS200918R0001	S2C-NT Hand Operated Neutral	S2C-NT	1	piece
2CCA880100R0001	CMS-100PS Sensor	CMS-100PS	1	piece
2CCA880101R0001	CMS-101PS Sensor	CMS-101PS	1	piece
2CCA880102R0001	CMS-102PS Sensor	CMS-102PS	1	piece

分类

低压产品及系统 → 线路保护产品 → Miniature Circuit Breakers MCBs → 微型断路器

中压产品与系统 → 服务业务 → 备件 → Parts → All Spare Parts (Relays-SWG-CB)

