

PRODUCT-DETAILS

SH203-C20

SH203-C20 Miniature Circuit Breaker - 3P - C - 20 A



概要信息

产品型号	SH203-C20
产品ID	2CDS213001R0204
欧洲商品编号(EAN)	4016779631358
目录说明	SH203-C20 Miniature Circuit Breaker - 3P - C - 20 A

详细描述

Compact Home SH200 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), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 6 kA at 230/400 V AC) and rated currents (up to 40 A). All MCBs of the product range SH200 comply with IEC/EN 60898-1, allowing the use for residential applications.

技术参数

标准	IEC/EN 60898-1
脱扣特性	C
额定工作电压	acc. to IEC 60898-1 400 V AC
操作电压	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC
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
额定电流 (I_n)	20 A
额定短路容量	(AC) 6 kA (400 V AC) 6 kA
额定限制短路电流 (I_{nc})	(230 V) 6 kA (400 V) 6 kA
额定频率 (f)	50 / 60 Hz
功率损耗	7.5 W at Rated Operating Conditions per Pole 2.5 W
进线方式	Arbitrary
触头位置指示	ON / OFF
限能等级	3
电气耐久性	20000 AC cycle
机械寿命	20000 cycle
极数	3
保护极数	3
过电压类别	III
拧紧力矩	2 N·m
驱动器类型	Toggle
螺钉端子类型	Cage 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	No
连接容量	Conductor 25 / 25 mm ² Flexible with Ferrule 0.75 ... 16 mm ² Flexible 0.75 ... 16 mm ² Rigid 0.75 ... 25 mm ² Stranded 0.75 ... 25 mm ²
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	2
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	2CDK400030D0201
REACH Declaration	9AKK107492A1906
环境信息	2CDK400030D0201

尺寸

宽度(模块化垫片数)	3
产品净宽	52.5 mm
产品净高	85 mm
产品净深	69 mm
产品净重	0.375 kg
极点净重	0.125 kg
内深 (t ₂)	69 mm

订货信息

最小起订量	1 piece
1级包装单元	carton 1 piece
1级包装 总重	0.39 kg
E-Number (Finland)	3210170

认证及声明 (文件编码)

认证机构	EN IEC
符合性声明 - CE	2CDK400607D2703

Installation

说明书和手册	2CDS207105P0001
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Popular Downloads

数据手册, 技术资料	2CSC400030D0202
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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 / Triple circuit breaker / Triple circuit breaker 1_2_3_4_5_6

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

分类

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

