

## PRODUCT-DETAILS

# SH203-C6

## SH203-C6 Miniature Circuit Breaker - 3P - C - 6

A



### 概要信息

|             |                                                   |
|-------------|---------------------------------------------------|
| 产品型号        | SH203-C6                                          |
| 产品ID        | 2CDS213001R0064                                   |
| 欧洲商品编号(EAN) | 4016779631266                                     |
| 目录说明        | SH203-C6 Miniature Circuit Breaker - 3P - C - 6 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<br>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<br>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 ( $I_n$ )        | 6 A                                                                                                                                                                                                         |
| 额定短路容量                | (AC) 6 kA<br>(400 V AC) 6 kA                                                                                                                                                                                |
| 额定限制短路电流 ( $I_{nc}$ ) | (230 V) 6 kA<br>(400 V) 6 kA                                                                                                                                                                                |
| 额定频率 (f)              | 50 / 60 Hz                                                                                                                                                                                                  |
| 功率损耗                  | 6 W<br>at Rated Operating Conditions per Pole 2 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<br>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 <sup>2</sup><br>Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup><br>Flexible 0.75 ... 16 mm <sup>2</sup><br>Rigid 0.75 ... 25 mm <sup>2</sup><br>Stranded 0.75 ... 25 mm <sup>2</sup> |
| 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<br>Storage -40 ... +70 °C        |
| 编号周围空气温度 | 30 °C                                                     |
| 防护等级     | IP20<br>Enclosure with Cover IP40                         |
| 污染等级     | 2                                                         |
| 环境条件     | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 % |

|                             |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| 耐振动符合IEC 60068-2-6<br>标准    | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In                   |
| 抗机械冲击符合IEC 60068<br>-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 <sub>2</sub> ) | 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) | 3210966        |

## 认证及声明 ( 文件编码 )

|            |                 |
|------------|-----------------|
| 认证机构       | EN<br>IEC       |
| 符合性声明 - CE | 2CDK400607D2703 |

## Installation

|        |                 |
|--------|-----------------|
| 说明书和手册 | 2CDS207105P0001 |
|--------|-----------------|

## Popular Downloads

|            |                 |
|------------|-----------------|
| 数据手册, 技术资料 | 2CSC400030D0202 |
|------------|-----------------|

## 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

