

PRODUCT-DETAILS

## S202CM-C13

# Miniature Circuit Breakers MCBs - S200C - 2P - C - 13 ampere



### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | S202CM-C13  |
| Product ID            | 2CDS272280R0134   |
| EAN                   | 4053546039269   |
| Catalog Description   | Miniature Circuit Breakers MCBs - S200C - 2P - C - 13 ampere  |
| Long Description      | S202CM-C13 Miniature Circuit Breaker C-Char.,10kA, 13A, 2P 1M |

### Technical

|                                    |   |
|------------------------------------|---|
| Standards                          | IEC/EN 60898-1  |
| Number of Poles                    | 2   |
| Number of Protected Poles          | 2   |
| Tripping Characteristic            | C   |
| Rated Current ( $I_n$ )            | 13 A  |
| Rated Operational Voltage          | 240 V AC<br>acc. to IEC 60898-1 230 V AC<br>acc. to IEC 60947-2 230 V AC  |
| Power Loss                         | 3.8 W   |
| Rated Insulation Voltage ( $U_i$ ) | acc. to IEC/EN 60664-1 500 V  |
| Operational Voltage                | Maximum (Incl. Tolerance) 264 V AC<br>Maximum 264 V AC<br>Minimum 12 V AC |
| Rated Frequency (f)                | 50 Hz<br>60 Hz  |

|   |   |
|---|---|
| Rated Short-Circuit Capacity ( $I_{cn}$ )                   | 10 kA<br>(230 / 400 V AC) 10 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | 10 kA<br>(230 V AC) 10 kA   |
| Energy Limiting Class                                       | 3   |
| Overvoltage Category  | III   |
| Pollution Degree  | 2   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 4 kV  |
| Dielectric Test Voltage                                     | 50/60 Hz, 1 min: 2.5 kV   |
| Housing Material  | Insulation Group I, RAL 7035  |
| Actuator Marking  | I / O   |
| Degree of Protection  | IP20  |
| Electrical Endurance  | 10000 cycle<br>20000 cycle  |
| Terminal Type   | Screw Terminals   |
| Connecting Capacity   | Busbar 10 mm <sup>2</sup><br>Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup><br>Flexible 1 ... 10 mm <sup>2</sup><br>Rigid 1 ... 16 mm <sup>2</sup><br>Stranded 0.75 ... 16 mm <sup>2</sup> |
| Tightening Torque   | 3 N·m   |
| Mounting on DIN Rail  | 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  |
| Mounting Position   | Any   |
| Built-In Depth ( $t_2$ )                                    | 70 mm   |
| Installation Size   | acc. to DIN 43880 1   |
| Power Supply Connection                                     | Arbitrary   |

## Environmental

|  |   |
|--|---|
| Ambient Air Temperature                        | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C        |
| Reference Ambient Air Temperature              | 30 °C   |
| Resistance to Shock acc. to IEC 60068-2-27     | 40g / 18 shocks / 5 ms                                    |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 0.35mm or 5g - 20 cycles at 5 ... 150 ... 5 Hz            |
| Environmental Conditions                       | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 % |
| RoHS Status                                    | Following EU Directive 2011/65/EU                         |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 18 mm   |
| Product Net Depth / Length | 70 mm   |
| Product Net Height         | 86 mm   |
| Product Net Weight         | 0.16 kg |

## Container Information

|                         |                 |
|-------------------------|-----------------|
| Package Level 1 Units   | carton 12 piece |
| Package Level 1 Width   | 217 mm          |
| Package Level 1 Depth / | 80 mm           |

## Length

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Height         | 92 mm         |
| Package Level 1 Gross Weight   | 1.97 kg       |
| Package Level 2 Units          | 12 piece      |
| Package Level 2 Width          | 217 mm        |
| Package Level 2 Depth / Length | 80 mm         |
| Package Level 2 Height         | 92 mm         |
| Package Level 2 Gross Weight   | 1.55 kg       |
| Package Level 2 EAN            | 4053546039436 |

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**Ordering**

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 12 piece |
| Customs Tariff Number  | 85362010 |

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**Certificates and Declarations (Document Number)**

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|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK107492A9802 |
| RoHS Information               | 9AKK107492A9802 |

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**Classifications**

|        |  |
|--------|--|
| ETIM 6 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7 | EC000042 - Miniature circuit breaker (MCB) |
| eClass | 7.0 27141901                               |
| UNSPSC | 39121614                                   |

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**Categories**

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs

