

PRODUCT-DETAILS

# SZ201-C10

## Miniature Circuit Breakers MCBs - SZ200 - 1P - C - 10 ampere



### General Information

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Extended Product Type | SZ201-C10                                                    |
| Product ID            | 2CDS251025R0104                                              |
| EAN                   | 4053546038545                                                |
| Catalog Description   | Miniature Circuit Breakers MCBs - SZ200 - 1P - C - 10 ampere |
| Long Description      | SZ201-C10 Miniature Circuit Breaker C-Char., 6kA, 10A, 1P    |

### Technical

|                                               |                                                   |
|-----------------------------------------------|---------------------------------------------------|
| Number of Poles                               | 1                                                 |
| Number of Protected Poles                     | 1                                                 |
| Tripping Characteristic                       | C                                                 |
| Rated Current ( $I_n$ )                       | 10 A                                              |
| Power Loss                                    | at Rated Operating Conditions per Pole 2.1 W      |
| Rated Insulation Voltage ( $U_i$ )            | Phase to Phase 440 V                              |
| Operational Voltage                           | Minimum 12 V AC                                   |
| Rated Frequency (f)                           | 50 Hz<br>60 Hz                                    |
| Energy Limiting Class                         | 3                                                 |
| Overvoltage Category                          | III                                               |
| Pollution Degree                              | 2                                                 |
| Rated Impulse Withstand Voltage ( $U_{imp}$ ) | 4 kV<br>(6.2 kV @ sea level)<br>(5.0 kV @ 2000 m) |

|                                  |                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dielectric Test Voltage          | 50/60 Hz, 1 min: 2 kV                                                                                                                                                                                    |
| Housing Material                 | Insulation Group I, RAL 7035                                                                                                                                                                             |
| Actuator Type                    | Toggle                                                                                                                                                                                                   |
| Actuator Material                | Insulation Group II, Black, Sealable                                                                                                                                                                     |
| Actuator Marking                 | I / O                                                                                                                                                                                                    |
| Contact Position Indication      | ON / OFF                                                                                                                                                                                                 |
| Degree of Protection             | IP20                                                                                                                                                                                                     |
| Remarks                          | IP40 in enclosure with cover<br>20000 cycle                                                                                                                                                              |
| Terminal Type                    | Screw Terminals                                                                                                                                                                                          |
| Screw Terminal Type              | Failsafe Bi-directional Cylinder-lift Terminal                                                                                                                                                           |
| Connecting Capacity              | Busbar 10 / 10 mm <sup>2</sup><br>Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup><br>Flexible 0.75 ... 25 mm <sup>2</sup><br>Rigid 0.75 ... 35 mm <sup>2</sup><br>Stranded 0.75 ... 35 mm <sup>2</sup> |
| Tightening Torque                | 2.8 N·m                                                                                                                                                                                                  |
| Recommended Screw Driver         | Pozidriv 2                                                                                                                                                                                               |
| Mounting on DIN Rail             | TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715<br>TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715                                                                                           |
| Mounting Position                | Any                                                                                                                                                                                                      |
| Built-In Depth (t <sub>2</sub> ) | 69 mm                                                                                                                                                                                                    |
| Installation Size                | acc. to DIN 43880 1                                                                                                                                                                                      |
| Power Supply Connection          | Arbitrary                                                                                                                                                                                                |
| Suitable for Isolation           | Yes                                                                                                                                                                                                      |

## Environmental

|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Ambient Air Temperature                        | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C        |
| Resistance to Shock acc. to IEC 60068-2-27     | 25g / 2 shocks / 13 ms                                    |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In      |
| 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          | 17.5 mm  |
| Product Net Depth / Length | 69 mm    |
| Product Net Height         | 85 mm    |
| Product Net Weight         | 0.115 kg |

## Container Information

|                                |                 |
|--------------------------------|-----------------|
| Package Level 1 Units          | carton 10 piece |
| Package Level 1 Width          | 92 mm           |
| Package Level 1 Depth / Length | 183 mm          |
| Package Level 1 Height         | 80 mm           |
| Package Level 1 Gross Weight   | 1.2 kg          |

|                                |               |
|--------------------------------|---------------|
| Package Level 1 EAN            | 4053546038736 |
| Package Level 2 Units          | 120 piece     |
| Package Level 2 Width          | 275 mm        |
| Package Level 2 Depth / Length | 395 mm        |
| Package Level 2 Height         | 210 mm        |
| Package Level 2 Gross Weight   | 14.8 kg       |
| Package Level 2 EAN            | 4053546038743 |

Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85362010 |

Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK107492A7641 |
| Instructions and Manuals       | 2CDS207104P0001 |
| RoHS Information               | 9AKK107492A7656 |

Popular Downloads

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2CDS207104P0001 |
|--------------------------|-----------------|

Classifications

|        |                                            |
|--------|--------------------------------------------|
| ETIM 6 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 8 | EC000042 - Miniature circuit breaker (MCB) |
| eClass | V11.0 : 27141901                           |
| UNSPSC | 39121614                                   |

Categories

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



