

## General Information

|                        |   |
|------------------------|---|
| Extended Product Type: | SH201M-D6NA                                 |
| Product ID:            | 2CDS271113R0061                             |
| EAN:                   | 4016779701174                               |
| Catalog Description:   | Miniature Circuit Breaker - SH200M - 2P - D |
| Long Description:      | SH201M-D6 NA MiniCircuitBreaker             |

## Categories

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

## Ordering

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

## Dimensions

|                     |         |
|---------------------|---------|
| Product Net Width:  | 35 mm   |
| Product Net Depth:  | 69 mm   |
| Product Net Height: | 88 mm   |
| Product Net Weight: | 0.25 kg |

## Technical

|  |   |
|--|---|
| Standards:                                     | IEC/EN 60898-1  |
| Number of Poles:                               | 2   |
| Tripping Characteristic:                       | D   |
| Rated Current ( $I_n$ ):                       | 6 A   |
| Rated Operational Voltage:                     | acc. to IEC 60898-1 230 V AC  |
| Power Loss:                                    | 3.8 W<br>at Rated Operating Conditions per Pole 1.9 W   |
| Rated Insulation Voltage ( $U_i$ ):            | acc. to IEC/EN 60664-1 440 V  |
| Operational Voltage:                           | Maximum (Incl. Tolerance) 253 V AC<br>Maximum 253 V AC<br>Minimum 12 V AC   |
| Rated Frequency (f):                           | 50 Hz<br>60 Hz  |
| Rated Short-Circuit Capacity ( $I_{cn}$ ):     | (230 V AC) 10 kA  |
| 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 II, RAL 7035   |
| Actuator Type:                                 | Toggle  |
| Contact Position Indication:                   | ON / OFF  |
| Degree of Protection:                          | IP20  |
| Remarks:                                       | IP40 in enclosure with cover  |
| Electrical Endurance:                          | 20000 AC cycle  |
| Mechanical Endurance:                          | 20000 cycle   |
| Terminal Type:                                 | Screw Terminals   |
| Screw Terminal Type:                           | Cage Terminal   |
| Connecting Capacity:                           | 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> ; |
| Tightening Torque:                             | 2 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   |

## Environmental

**Ambient Air Temperature:** Operation -25 ... +55 °C  
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  
with 55 °C / 90-96 %  
and 25 °C / 95-100 %

### Certificates and Declarations (Document Number)

**Declaration of Conformity - CE:** 2CDK400607D2703

### Container Information

**Package Level 1 Units:** 5 piece

**Package Level 1 Width:** 92 mm

**Package Level 1 Length:** 183 mm

**Package Level 1 Height:** 80 mm

**Package Level 1 Gross Weight:** 1.3 kg

**Package Level 1 EAN:** 4016779705813

**Package Level 2 EAN:** 4016779986113

### Classifications

**ETIM 5:** EC000042 - Miniature circuit breaker (MCB)

**ETIM 6:** EC000042 - Miniature circuit breaker (MCB)

**eClass:** 7.0 27141901

**UNSPSC:** 39121614

