



## PRODUCT-DETAILS

# S403M-C1.6

## S403M-C1.6 Miniature Circuit Breaker

### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | S403M-C1.6  |
| Product ID            | 2CCS573001R0974   |
| EAN                   | 7612270102884   |
| Catalog Description   | S403M-C1.6 Miniature Circuit Breaker  |
| Long Description      | Pluggable Miniature circuit-breaker for the SMISLINE TP System acc. IEC/EN 60898-1; IEC/EN 60947-2 Rated short-circuit capacity Icn 10 kA Rated ultimate short-circuit capacity Icu 25 kA Rated current In 1.6A Tripping characteristic C Poles 3L Rated voltage Ue 240 VAC / 415 VAC |

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Switzerland) | 809171807     |
| EAN                    | 7612270102884 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362020      |

### Dimensions

|                            |       |
|----------------------------|-------|
| Product Net Width          | 54 mm |
| Product Net Height         | 91 mm |
| Product Net Length         | 82 mm |
| Product Net Depth / Length | 75 mm |
| Product Net Weight         | 322 g |

### Container Information

|                                |                |
|--------------------------------|----------------|
| Package Level 1 Units          | carton 3 piece |
| Package Level 1 Width          | 100 mm         |
| Package Level 1 Height         | 125 mm         |
| Package Level 1 Depth / Length | 185 mm         |
| Package Level 1 Gross Weight   | 1024 g         |
| Package Level 1 EAN            | 7612270102884  |

### Environmental

Ambient Air  
Temperature

Operation -25...55 °C

RoHS Status

Following EU Directive 2002/95/EC August 18, 2005 and amendment

**Additional Information**

|   |                                  |
|---|----------------------------------|
| Ambient Temperature   | -25...55 °C                      |
| Connecting Capacity   | Rigid 0 ... 25 mm <sup>2</sup>   |
| Degree of Protection  | IP20                             |
| Energy Limiting Class   | 3                                |
| Frequency (f)   | 50 ... 60 Hz                     |
| Input Voltage Type  | AC                               |
| Number of Poles   | 3                                |
| Number of Protected Poles   | 3                                |
| Object Classification Code  | FC                               |
| Overvoltage Category  | III                              |
| Pollution Degree  | 3                                |
| Power Loss  | 4.8 W                            |
| Product Main Type   | S400                             |
| Product Name  | Miniature Circuit Breaker        |
| Rated Current (I <sub>N</sub> )   | 1.6 A                            |
| Rated Frequency (f)   | 50-60 Hz                         |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )                                       | 4 kV                             |
| Rated Insulation Voltage (U <sub>i</sub> )  | 440 V                            |
| Rated Operational Current (I <sub>e</sub> )   | 1.6 A                            |
| Rated Operational Voltage   | 240 / 415 V AC                   |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )                          | (400 V AC) 7.5 kA                |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> ) | 50 %                             |
| Rated Short-Circuit Capacity (I <sub>cn</sub> )   | (400 V) 10 kA<br>(230 V) 10 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )                         | (240 / 415 V AC) 50 kA           |
| Rated Voltage (U <sub>r</sub> )   | 240 / 415 V                      |
| Release Type  | C                                |
| RoHS Date   | 20170426                         |
| Standards   | IEC/EN 60898-1<br>IEC/EN 60947-2 |
| Tripping Characteristic   | C                                |

**Certificates and Declarations (Document Number)**

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107492A6192 |
| Declaration of Conformity - CE    | 9AKK107991A9634 |
| Environmental Information         | 2CCY451206D0201 |
| Instructions and Manuals          | 2CCC451019M0109 |

|                   |                      |
|-------------------|----------------------|
| RoHS Information  | 2CCC413008D0206_RoHS |
| Dimension Diagram | 9AKK107492A6192      |

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## Classifications

|                            |  |
|----------------------------|--|
| ETIM 4                     | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 5                     | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 6                     | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 7                     | EC000042 - Miniature circuit breaker (MCB)                 |
| Object Classification Code | FC   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

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## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Plug-in Distribution Systems → Miniature Circuit Breakers MCBs