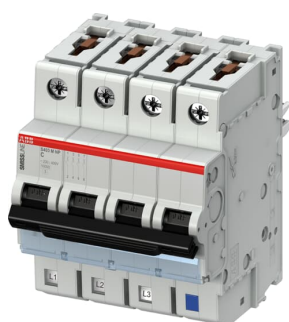


## PRODUCT-DETAILS

# S403M-C50NP

## S403M-C50NP Miniature Circuit Breaker



### General Information

|                       |                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | S403M-C50NP                                                                                                                                                                                                                                                                                                     |
| Product ID            | 2CCS573103R8504                                                                                                                                                                                                                                                                                                 |
| EAN                   | 7612270103973                                                                                                                                                                                                                                                                                                   |
| Catalog Description   | S403M-C50NP Miniature Circuit Breaker                                                                                                                                                                                                                                                                           |
| Long Description      | Pluggable Miniature circuit-breaker for the SMISSLINE TP System acc. IEC/EN 60898-1; IEC/EN 60947-2 Rated short-circuit capacity Icn 10 kA Rated ultimate short-circuit capacity Icu15 kA Rated current In 50A Tripping characteristic C Poles 3L + N with protected neutral Rated voltage Ue 240 VAC / 415 VAC |

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Switzerland) | 809184817     |
| EAN                    | 7612270103973 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362020      |

### Dimensions

|                            |       |
|----------------------------|-------|
| Product Net Width          | 72 mm |
| Product Net Height         | 91 mm |
| Product Net Length         | 82 mm |
| Product Net Depth / Length | 75 mm |
| Product Net Weight         | 535 g |

## Container Information

|                                |                |
|--------------------------------|----------------|
| Package Level 1 Units          | carton 2 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   | 1128 g         |
| Package Level 1 EAN            | 7612270103973  |

## Environmental

|                         |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| Ambient Air Temperature | Operation -25...55 °C                                                  |
| RoHS Status             | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## 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                     |
| Number of Poles                                                        | 4                                |
| Number of Protected Poles                                              | 4                                |
| Overvoltage Category                                                   | III                              |
| Pollution Degree                                                       | 3                                |
| Power Loss                                                             | 19.2 W                           |
| Product Main Type                                                      | S400NP                           |
| Product Name                                                           | Miniature Circuit Breaker        |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cs</sub> | 50 %                             |
| Rated Current (I <sub>n</sub> )                                        | 50 A                             |
| Rated Voltage (U <sub>r</sub> )                                        | 240 / 415 V                      |
| 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> )                            | 50 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 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) 15 kA           |
| 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                                | 9AKK107991A9634 |
| Dimension Diagram                               | 9AKK107492A6192 |

| 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) |

**Categories**

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

