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PRODUCT-DETAILS

## S403M-K16NP

### S403M-K16NP Miniature Circuit Breaker

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#### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | S403M-K16NP   |
| Product ID            | 2CCS573103R8467   |
| EAN                   | 7612270104185   |
| Catalog Description   | S403M-K16NP Miniature Circuit Breaker   |
| Long Description      | Pluggable Miniature circuit-breaker for the SMISLINE TP System acc. IEC/EN 60947-2<br>Rated ultimate short-circuit capacity Icu 10 kA 25 kA Rated current In 16A Tripping<br>characteristic K Poles 3L + N with protected neutral Rated voltage Ue 240 VAC / 415<br>VAC |

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#### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Switzerland) | 809279817     |
| EAN                    | 7612270104185 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362020      |

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#### Dimensions

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

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#### 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 /<br>Length | 185 mm         |
| Package Level 1 Gross<br>Weight   | 1128 g         |
| Package Level 1 EAN               | 7612270104185  |

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#### Environmental

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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                   |
| Input Voltage Type  | AC                             |
| Number of Poles   | 4                              |
| Number of Protected Poles   | 4                              |
| Object Classification Code  | FC                             |
| Overvoltage Category  | III                            |
| Pollution Degree  | 3                              |
| Power Loss  | 9.6 W                          |
| Product Main Type   | S400NP                         |
| Product Name  | Miniature Circuit Breaker      |
| Rated Current (I <sub>N</sub> )   | 16 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> )   | 16 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) 25 kA         |
| Rated Voltage (U <sub>r</sub> )   | 240 / 415 V                    |
| Release Type  | K                              |
| RoHS Date   | 20170426                       |
| Standards   | IEC/EN 60947-2                 |
| Tripping Characteristic   | K                              |

**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 |

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**Classifications**

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|                            |  |
|----------------------------|--|
| 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**

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