



PRODUCT-DETAILS

S403M-K1,6NP

S403M-K1,6NP Miniature Circuit Breaker

General Information

| | |
|-----------------------|--|
| Extended Product Type | S403M-K1,6NP |
| Product ID | 2CC5573103R8257 |
| EAN | 7612270104109 |
| Catalog Description | S403M-K1,6NP Miniature Circuit Breaker |
| Long Description | Pluggable Miniature circuit-breaker for the SMISLINE TP System acc. IEC/EN 60947-2 Rated ultimate short-circuit capacity Icu 10 kA 25 kA Rated current In 1.6A Tripping characteristic K Poles 3L + N with protected neutral Rated voltage Ue 240 VAC / 415 VAC |

Ordering

| | |
|------------------------|---------------|
| E-Number (Switzerland) | 809271817 |
| EAN | 7612270104109 |
| 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

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|-----------------------------------|----------------|
| 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 | 7612270104109 |

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 ² |
| 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 | 6 W |
| Product Main Type | S400NP |
| Product Name | Miniature Circuit Breaker |
| Rated Current (I _n) | 1.6 A |
| Rated Frequency (f) | 50-60 Hz |
| Rated Impulse Withstand Voltage (U _{imp}) | 4 kV |
| Rated Insulation Voltage (U _i) | 440 V |
| Rated Operational Current (I _e) | 1.6 A |
| Rated Operational Voltage | 240 / 415 V AC |
| Rated Service Short-Circuit Breaking Capacity (I _{cs}) | (400 V AC) 7.5 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}) | 50 % |
| Rated Short-Circuit Capacity (I _{cn}) | (400 V) 10 kA (230 V) 10 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}) | (240 / 415 V AC) 50 kA |
| Rated Voltage (U _r) | 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 |

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