



PRODUCT-DETAILS

S403M-C16NP

S403M-C16NP Miniature Circuit Breaker

General Information

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|-----------------------|---|
| Extended Product Type | S403M-C16NP |
| Product ID | 2CC5573103R8164 |
| EAN | 7612270103928 |
| Catalog Description | S403M-C16NP 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 16A Tripping characteristic C Poles 3L + N with protected neutral Rated voltage Ue 240 VAC / 415 VAC |

Ordering

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|------------------------|---------------|
| E-Number (Switzerland) | 809179817 |
| EAN | 7612270103928 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362020 |

Dimensions

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

Container Information

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|--------------------------------|----------------|
| Package Level 1 Units | carton 3 piece |
| Package Level 1 Width | 185 mm |
| Package Level 1 Height | 89 mm |
| Package Level 1 Depth / Length | 101 mm |
| Package Level 1 Gross Weight | 1720 g |
| Package Level 1 EAN | 7612270103928 |

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

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|---|----------------------------------|
| 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 | 14.2 W |
| Product Main Type | S400NP |
| Product Name | Miniature Circuit Breaker |
| Rated Current (I _N) | 16 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) | 16 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) 25 kA |
| Rated Voltage (U _r) | 240 / 415 V |
| Release Type | C |
| RoHS Date | 20170426 |
| Standards | IEC/EN 60898-1 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 |

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|-------------------|-----------------|
| RoHS Information | 9AKK107991A9634 |
| Dimension Diagram | 9AKK107492A6192 |

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) |

Categories

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