

## PRODUCT-DETAILS

# FS403M-C16/0.1

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## General Information

|                       |                                                                                                                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | FS403M-C16/0.1                                                                                                                                                                                                                                                                            |
| Product ID            | 2CCL564120E0164                                                                                                                                                                                                                                                                           |
| EAN                   | 7612271420109                                                                                                                                                                                                                                                                             |
| Catalog Description   | FS403M-C16/0.1                                                                                                                                                                                                                                                                            |
| Long Description      | Pluggable Residual Current Circuit Breaker with overcurrent Protection for the SMISLINE TP System acc. IEC/EN/DIN EN 61009-1, EN/DIN EN 61009-2-1 Rated breaking capacity Icn 10kA Tripping characteristic C Rated current In 16A Rated sensitivity I Δn 0.1A Rated voltage Ue 240/415VAC |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 7612271420109 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362020      |

## Dimensions

|                     |       |
|---------------------|-------|
| Product Net Width   | 72 mm |
| Product Net Height  | 91 mm |
| Product Net Length  | 91 mm |
| Product Net Depth / | 91 mm |

Length

|                    |       |
|--------------------|-------|
| Product Net Weight | 235 g |
|--------------------|-------|

## Container Information

|                                |                |
|--------------------------------|----------------|
| Package Level 1 Units          | carton 1 piece |
| Package Level 1 Width          | 97 mm          |
| Package Level 1 Height         | 45 mm          |
| Package Level 1 Depth / Length | 97 mm          |
| Package Level 1 Gross Weight   | 545 g          |
| Package Level 1 EAN            | 7612271420109  |

## Environmental

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Ambient Air Temperature | Operation -25...40 °C                                           |
| RoHS Status             | Following EU Directive 2002/95/EC August 18, 2005 and amendment |

## Technical UL/CSA

|                                     |       |
|-------------------------------------|-------|
| Short-Circuit Current Rating (SCCR) | 0.1 A |
|-------------------------------------|-------|

## Additional Information

|                                                                              |                                                                                 |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Ambient Temperature                                                          | -25...40 °C                                                                     |
| Degree of Protection                                                         | IP20                                                                            |
| Energy Limiting Class                                                        | 3                                                                               |
| Number of Poles                                                              | 4                                                                               |
| Number of Protected Poles                                                    | 3                                                                               |
| Operating Characteristic                                                     | Instantaneous                                                                   |
| Overvoltage Category                                                         | III                                                                             |
| Pollution Degree                                                             | 2                                                                               |
| Position of Neutral Terminals                                                | Right                                                                           |
| Power Loss                                                                   | 3.3 W                                                                           |
| Product Main Type                                                            | FS400                                                                           |
| Product Name                                                                 | Residual Current Circuit Breaker with Overcurrent Protection                    |
| Rated Service Short-Circuit Breaking Capacity, in % of $I_{cu}$ ( $I_{cs}$ ) | 50 %                                                                            |
| Rated Cross-Section                                                          | 1 - Solid-Core 0...35 mm <sup>2</sup><br>4 - Multi-Wired 0...35 mm <sup>2</sup> |
| Rated Current ( $I_n$ )                                                      | 16 A                                                                            |
| Rated Frequency (f)                                                          | 50...60 Hz                                                                      |
| Rated Residual Current                                                       | 100 mA                                                                          |
| Rated Voltage ( $U_r$ )                                                      | 240 / 415 V                                                                     |

|                                                             |                                                                                 |
|-------------------------------------------------------------|---------------------------------------------------------------------------------|
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 4 kV                                                                            |
| Rated Insulation Voltage ( $U_i$ )                          | 500 V                                                                           |
| Rated Operational Voltage                                   | 240 ... 415 V AC                                                                |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (415 V AC) 7.5 kA                                                               |
| Rated Short-Circuit Capacity ( $I_{cn}$ )                   | (240 / 415 V AC) 10 kA                                                          |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | 10 kA                                                                           |
| Release Type                                                | C                                                                               |
| RoHS Date                                                   | 20170426                                                                        |
| Standards                                                   | IEC 61009-1<br>EN 61009-1<br>DIN EN 61009-1<br>EN 61009-2-1<br>DIN EN 61009-2-1 |
| Tripping Characteristic                                     | C                                                                               |
| Type of Residual Current                                    | A type                                                                          |

## Certificates and Declarations (Document Number)

|                                   |                      |
|-----------------------------------|----------------------|
| Data Sheet, Technical Information | 9AKK107492A6192      |
| Declaration of Conformity - CE    | 2CCC451036D0201      |
| Environmental Information         | 2CCY451206D0201      |
| Instructions and Manuals          | 9AKK107680A1664      |
| RoHS Information                  | 2CCC413008D0206_RoHS |
| Dimension Diagram                 | 9AKK107492A6192      |

## Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 4                     | EC000003 - Residual current circuit breaker (RCCB)         |
| ETIM 5                     | EC000003 - Residual current circuit breaker (RCCB)         |
| ETIM 6                     | EC000905 - Earth leakage circuit breaker                   |
| ETIM 7                     | EC000905 - Earth leakage circuit breaker                   |
| Object Classification Code | FB                                                         |
| 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 → Residual Current Circuit Breakers with Overcurrent Protection RCBO

