

## PRODUCT-DETAILS

# FS463MK-C32/0.3

## FS463MK-C32/0.3 Residual Current Circuit Breaker with Overcurrent Protection



### General Information

|                       |                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------|
| Extended Product Type | FS463MK-C32/0.3                                                                          |
| Product ID            | 2CCL463330E0324                                                                          |
| EAN                   | 7612271470739                                                                            |
| Catalog Description   | FS463MK-C32/0.3 Residual Current Circuit Breaker with Overcurrent Protection             |
| Long Description      | Residual current operated circuit breaker with overcurrent protection 3LN Type F for DIN |

### Technical

|                                               |                                                              |
|-----------------------------------------------|--------------------------------------------------------------|
| Standards                                     | IEC/EN 61009                                                 |
| Product Name                                  | Residual Current Circuit Breaker with Overcurrent Protection |
| Tripping Characteristic                       | C                                                            |
| Type of Residual Current                      | F type                                                       |
| Rated Voltage ( $U_r$ )                       | 240 / 415 V                                                  |
| Rated Operational Voltage                     | 240/415 V AC                                                 |
| Rated Insulation Voltage ( $U_i$ )            | 500 V                                                        |
| Rated Impulse Withstand Voltage ( $U_{imp}$ ) | 4 kV                                                         |
| Input Voltage Type                            | AC                                                           |
| Rated Current ( $I_n$ )                       | 32 A                                                         |
| Rated Residual Current                        | 300 mA                                                       |
| Rated Short-Circuit                           | (240 / 415 V AC) 10 kA                                       |

|                                                                                           |                                                                                 |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Capacity (I <sub>cn</sub> )                                                               |                                                                                 |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> )                                | 10 kA                                                                           |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> ) | 10 kA                                                                           |
| Maximum Surge Current                                                                     | 3 kA                                                                            |
| Leakage Current Type                                                                      | A                                                                               |
| Frequency (f)                                                                             | 50/60 Hz                                                                        |
| Rated Frequency (f)                                                                       | 50...60 Hz                                                                      |
| Energy Limiting Class                                                                     | 3                                                                               |
| Number of Poles                                                                           | 4                                                                               |
| Number of Protected Poles                                                                 | 3                                                                               |
| Operating Characteristic                                                                  | Instantaneous (APR High Immunity)                                               |
| Overvoltage Category                                                                      | III                                                                             |
| Position of Neutral Terminals                                                             | Right                                                                           |
| Earthing Switch Type                                                                      | Short-Time Delayed                                                              |
| Release Type                                                                              | C                                                                               |
| Options Provided                                                                          | Smissline Classic                                                               |
| Accessories Available                                                                     | Yes                                                                             |
| Rated Cross-Section                                                                       | 1 - Solid-Core 0...35 mm <sup>2</sup><br>4 - Multi-Wired 0...35 mm <sup>2</sup> |

## Environmental

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Ambient Temperature     | -25...40 °C                                                     |
| Ambient Air Temperature | Operation -25...40 °C                                           |
| Degree of Protection    | IP2X                                                            |
| Pollution Degree        | 2                                                               |
| RoHS Status             | Following EU Directive 2002/95/EC August 18, 2005 and amendment |

## Technical UL/CSA

|                                     |       |
|-------------------------------------|-------|
| Short-Circuit Current Rating (SCCR) | 0.3 A |
|-------------------------------------|-------|

## Dimensions

|                                     |       |
|-------------------------------------|-------|
| Width in Number of Modular Spacings | 4     |
| Product Net Width                   | 72 mm |
| Product Net Height                  | 76 mm |
| Product Net Depth / Length          | 87 mm |
| Product Net Weight                  | 455 g |
| Product Net Length                  | 87 mm |
| Built-In Depth (t <sub>2</sub> )    | 91 mm |

## Container Information

|                                |                |
|--------------------------------|----------------|
| Package Level 1 Units          | carton 1 piece |
| Package Level 1 Width          | 100 mm         |
| Package Level 1 Height         | 90 mm          |
| Package Level 1 Depth / Length | 75 mm          |

|                              |               |
|------------------------------|---------------|
| Package Level 1 Gross Weight | 425 g         |
| Package Level 1 EAN          | 7612271470739 |

## Ordering

|                         |                  |
|-------------------------|------------------|
| Minimum Order Quantity  | 1 piece          |
| Customs Tariff Number   | 85362020         |
| E-Number (Switzerland)  | 809182992        |
| Country of Origin       | Switzerland (CH) |
| Selling Unit of Measure | piece            |

## Certificates and Declarations (Document Number)

|                                |                      |
|--------------------------------|----------------------|
| Declaration of Conformity - CE | 2CCC005001D0201      |
| Instructions and Manuals       | 9AKK107680A1666      |
| RoHS Information               | 2CCC413008D0206_RoHS |

## Popular Downloads

|                                   |                       |
|-----------------------------------|-----------------------|
| Data Sheet, Technical Information | 2CCC451027C0106 Ind B |
| Instructions and Manuals          | 9AKK107680A1666       |
| Dimension Diagram                 | 2CCC451027C0106 Ind B |

## Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 6                     | EC000905 - Earth leakage circuit breaker                   |
| ETIM 7                     | EC000905 - Earth leakage circuit breaker                   |
| ETIM 8                     | EC000905 - Earth leakage circuit breaker                   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Business                                       |
| CN8                        | 85362020                                                   |
| Object Classification Code | FB                                                         |

## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → SMISSLINE Classic

