

## PRODUCT-DETAILS

# S402M-UCZ50

## S402M-UCZ50 Miniature Circuit Breaker



### General Information

|                       |                                                                                                                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | S402M-UCZ50                                                                                                                                                                                                                                      |
| Product ID            | 2CCS572001R1508                                                                                                                                                                                                                                  |
| EAN                   | 7612270110407                                                                                                                                                                                                                                    |
| Catalog Description   | S402M-UCZ50 Miniature Circuit Breaker                                                                                                                                                                                                            |
| Long Description      | Pluggable Miniature circuit-breaker for the SMISSLINE TP System acc. IEC/EN 60947-2<br>Rated ultimate short-circuit capacity Icu 25 kA (220 VDC) Rated current In 50A Tripping<br>characteristic UCZ Poles 2L Rated voltage Ue 220 VDC / 440 VDC |

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Switzerland) | 809654107     |
| EAN                    | 7612270110407 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85363000      |

### Dimensions

|                            |       |
|----------------------------|-------|
| Product Net Width          | 36 mm |
| Product Net Height         | 91 mm |
| Product Net Length         | 75 mm |
| Product Net Depth / Length | 75 mm |
| Product Net Weight         | 285 g |

## Container Information

|                                |                |
|--------------------------------|----------------|
| Package Level 1 Units          | carton 1 piece |
| Package Level 1 Width          | 100 mm         |
| Package Level 1 Height         | 91 mm          |
| Package Level 1 Depth / Length | 185 mm         |
| Package Level 1 Gross Weight   | 285 g          |
| Package Level 1 EAN            | 7612270110407  |

## Environmental

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Ambient Air Temperature | Operation -25...55 °C                                           |
| RoHS Status             | Following EU Directive 2002/95/EC August 18, 2005 and amendment |

## 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                   |
| Number of Poles                                                        | 2                              |
| Number of Protected Poles                                              | 2                              |
| Overvoltage Category                                                   | III                            |
| Pollution Degree                                                       | 2                              |
| Power Loss                                                             | 3 W                            |
| Product Main Type                                                      | S400                           |
| Product Name                                                           | Miniature Circuit Breaker      |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cs</sub> | 50 %                           |
| Rated Current (I <sub>n</sub> )                                        | 50 A                           |
| Rated Voltage (U <sub>r</sub> )                                        | 440 V DC                       |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )                    | 4 kV                           |
| Rated Insulation Voltage (U <sub>i</sub> )                             | 440 V                          |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )       | (400 V AC) 7.5 kA              |
| 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> )      | (440 V DC) 25 kA               |
| Release Type                                                           | Z                              |
| RoHS Date                                                              | 20170426                       |
| Standards                                                              | EN60898-1, EN60947-2           |
| Tripping Characteristic                                                | Z                              |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107492A6192 |
|-----------------------------------|-----------------|

|                                   |                      |
|-----------------------------------|----------------------|
| Declaration of<br>Conformity - CE | 2CCC451034D0201      |
| Environmental<br>Information      | 2CCY000200D0268      |
| Instructions and<br>Manuals       | 2CCC451019M0109      |
| RoHS Information                  | 2CCC413008D0206_RoHS |
| Dimension Diagram                 | 9AKK107492A6192      |

**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<br>Code | FC                                                         |
| WEEE Category                 | 5. Small Equipment (No External Dimension More Than 50 cm) |

**Categories**

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

