

## PRODUCT-DETAILS

# OSM630B3N3M230C

## OSM630B3N3M230C MOTORIZED SWITCH FUSE



### General Information

|                       |                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OSM630B3N3M230C                                                                                                                                                                        |
| Product ID            | 1SCA104535R1001                                                                                                                                                                        |
| EAN                   | 6417019387734                                                                                                                                                                          |
| Catalog Description   | OSM630B3N3M230C MOTORIZED SWITCH FUSE                                                                                                                                                  |
| Long Description      | Including a handle for manual operation, bolt kit with nut and washers for all terminals (100A...1250A), male connectors for control circuit and a handle and spare fuse storage clip. |

### Ordering

|                       |              |
|-----------------------|--------------|
| Customs Tariff Number | 85365080     |
| Country of Origin     | Finland (FI) |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC311013C0201 |
| Instructions and Manuals          | 1SCC311029M0203 |

### Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 487 mm  |
| Product Net Height         | 304 mm  |
| Product Net Depth / Length | 306 mm  |
| Product Net Weight         | 22.3 kg |

## Technical

|                                                          |                                                            |
|----------------------------------------------------------|------------------------------------------------------------|
| Rated Operational Current<br>AC-21A ( $I_e$ )            | (500 V) 630 A<br>(380 ... 415 V) 630 A<br>(690 V) 630 A    |
| Rated Operational Current<br>AC-22A ( $I_e$ )            | (380 ... 415 V) 630 A<br>(500 V) 630 A<br>(690 V) 630 A    |
| Rated Operational Current<br>AC-23A ( $I_e$ )            | (500 V) 630 A<br>(380 ... 415 V) 630 A<br>(690 V) 630 A    |
| Rated Operational Power<br>AC-23A ( $P_e$ )              | (380 ... 415 V) 355 kW<br>(500 V) 450 kW<br>(690 V) 630 kW |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ )    | $q = 40\text{ }^{\circ}\text{C}$ 630 A                     |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )         | 12 kV                                                      |
| Rated Insulation Voltage<br>( $U_i$ )                    | 1000 V                                                     |
| Rated Operational Voltage                                | 1000 V                                                     |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )       | for 1 s 18 kiloampere rms                                  |
| Rated Conditional Short-<br>Circuit Current ( $I_{nc}$ ) | (690 V) 80 kA                                              |
| Motor Operational Voltage                                | 220 ... 240 V AC                                           |
| Power Loss                                               | at Rated Operating Conditions per Pole 46 W                |
| Pollution Degree                                         | 3                                                          |
| Handle Type                                              | Handle included for manual operation                       |
| Fourth Pole Type                                         | Detachable Neutral Link Integrated Into the Mechanism      |
| Switches Operating<br>Mechanism                          | 03 (Left Side)                                             |
| Position of Line Terminals                               | Top In - Bottom Out, Bottom In - Top Out                   |
| Fuse Size                                                | C1-C2                                                      |
| Fuse System                                              | British Standard                                           |
| Operating Mode                                           | Motor operated and manually from the front                 |
| Standards                                                | IEC 60947-3                                                |
| Mounting Type                                            | Base mounting                                              |
| Number of Poles                                          | 3                                                          |
| Terminal Type                                            | Lug terminals                                              |
| Fuse Type                                                | BS                                                         |

## Environmental

|                           |                 |
|---------------------------|-----------------|
| Environmental Information | 1SCC311002D0201 |
|---------------------------|-----------------|

Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC311154D2703 |
| Environmental Information         | 1SCC311002D0201 |
| Instructions and Manuals          | 1SCC311029M0203 |

Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 440 mm        |
| Package Level 1 Depth /<br>Length | 700 mm        |
| Package Level 1 Height            | 565 mm        |
| Package Level 1 Gross<br>Weight   | 22.3 kg       |
| Package Level 1 EAN               | 6417019387734 |

Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Object Classification Code | Q                                                          |
| ETIM 5                     | EC001040 - Fuse switch disconnecter                        |
| ETIM 6                     | EC001040 - Fuse switch disconnecter                        |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Low Voltage Products and Systems → Switches → Motorized Switch Fuses

