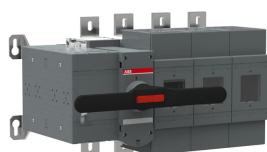


## PRODUCT-DETAILS

# OSM1250DA3N3M230C

## OSM1250DA3N3M230C MOTORIZED SWITCH FUSE



### General Information

|                       |                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OSM1250DA3N3M230C                                                                                                                                                                      |
| Product ID            | 1SCA112544R1001                                                                                                                                                                        |
| EAN                   | 6417019452418                                                                                                                                                                          |
| Catalog Description   | OSM1250DA3N3M230C 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  | 600 mm |
| Product Net Height | 391 mm |

|                            |        |
|----------------------------|--------|
| Product Net Depth / Length | 356 mm |
| Product Net Weight         | 55 kg  |

## Technical

|                                                          |                                                             |
|----------------------------------------------------------|-------------------------------------------------------------|
| Rated Operational Current<br>AC-21A ( $I_e$ )            | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A  |
| Rated Operational Current<br>AC-22A ( $I_e$ )            | (500 V) 1250 A<br>(380 ... 415 V) 1250 A<br>(690 V) 1250 A  |
| Rated Operational Current<br>AC-23A ( $I_e$ )            | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1000 A  |
| Rated Operational Power<br>AC-23A ( $P_e$ )              | (380 ... 415 V) 560 kW<br>(500 V) 710 kW<br>(690 V) 1000 kW |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ )    | q = 40 °C 1250 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 40 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 75 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                                                | 4a                                                          |
| Fuse System                                              | DIN                                                         |
| 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                                                | DIN                                                         |

## Environmental

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

## Certificates and Declarations (Document Number)

|                           |                 |
|---------------------------|-----------------|
| Environmental Information | 1SCC311002D0201 |
| Instructions and Manuals  | 1SCC311029M0203 |

| Container Information          |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 590 mm        |
| Package Level 1 Depth / Length | 790 mm        |
| Package Level 1 Height         | 500 mm        |
| Package Level 1 Gross Weight   | 55 kg         |
| Package Level 1 EAN            | 6417019452418 |

| Classifications            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Object Classification Code | Q                                                           |
| ETIM 5                     | EC001040 - Fuse switch disconnecter                         |
| ETIM 6                     | EC001040 - Fuse switch disconnecter                         |
| ETIM 7                     | EC001040 - Fuse switch disconnecter                         |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm) |
| E-Number (Finland)         | 3638134                                                     |

| Categories                                                           |
|----------------------------------------------------------------------|
| Low Voltage Products and Systems → Switches → Motorized Switch Fuses |

