

## PRODUCT-DETAILS

# OSM125GF4N1M230C

## OSM125GF4N1M230C MOTORIZED SWITCHFUSE



### General Information

|                       |                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OSM125GF4N1M230C                                                                                                                                                                       |
| Product ID            | 1SCA118798R1001                                                                                                                                                                        |
| EAN                   | 6417019504841                                                                                                                                                                          |
| Catalog Description   | OSM125GF4N1M230C MOTORIZED SWITCHFUSE                                                                                                                                                  |
| 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

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85365080     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

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

## Dimensions

|                            |                     |
|----------------------------|---------------------|
| Product Net Width          | 325 mm              |
| Product Net Height         | 206 mm              |
| Product Net Depth / Length | 140 mm              |
| Product Net Weight         | 5.97 kg<br>13.16 lb |

## Technical

|                                                                   |                                                          |
|-------------------------------------------------------------------|----------------------------------------------------------|
| Rated Operational Current<br>AC-21A ( $I_e$ )                     | (500 V) 125 A<br>(380 ... 415 V) 125 A<br>(690 V) 125 A  |
| Rated Operational Current<br>AC-22A ( $I_e$ )                     | (500 V) 125 A<br>(380 ... 415 V) 125 A<br>(690 V) 125 A  |
| Rated Operational Current<br>AC-23A ( $I_e$ )                     | (500 V) 125 A<br>(380 ... 415 V) 125 A<br>(690 V) 125 A  |
| Rated Operational Power<br>AC-23A ( $P_e$ )                       | (380 ... 415 V) 55 kW<br>(500 V) 75 kW<br>(690 V) 110 kW |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ )             | $q = 40^\circ\text{C}$ 125 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 Low<br>Voltage ( $I_{cw}$ ) | for 1 s 5 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 5 W               |
| Pollution Degree                                                  | 3                                                        |
| Handle Type                                                       | Handle included for manual operation                     |
| Fourth Pole Position                                              | Left Side                                                |
| Fourth Pole Type                                                  | Switched - With Solid Link                               |
| Switches Operating<br>Mechanism                                   | 04 (Left Side)                                           |
| Position of Line Terminals                                        | Top In - Bottom Out, Bottom In - Top Out                 |
| Fuse Size                                                         | 22X58                                                    |
| Fuse System                                                       | NFC                                                      |
| Operating Mode                                                    | Motor operated and manually from the front               |
| Standards                                                         | IEC 60947-3                                              |
| Mounting Type                                                     | Base mounting                                            |
| Number of Poles                                                   | 4                                                        |
| Terminal Type                                                     | Lug terminals                                            |
| Fuse Type                                                         | NFC                                                      |

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          | 328 mm<br>12.91 in |
| Package Level 1 Depth / Length | 365 mm<br>14.37 in |
| Package Level 1 Height         | 260 mm<br>10.24 in |
| Package Level 1 Gross Weight   | 6.6 kg<br>14.55 lb |
| Package Level 1 EAN            | 6417019504841      |

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

