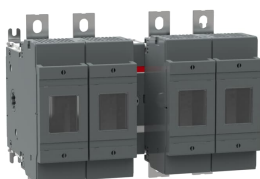


## PRODUCT-DETAILS

# OS250D22N1

## OS250D22N1 Switch fuse



### General Information

|                       |                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS250D22N1                                                                                                                 |
| Product ID            | 1SCA022727R0280                                                                                                            |
| EAN                   | 6417019235288                                                                                                              |
| Catalog Description   | OS250D22N1 Switch fuse                                                                                                     |
| Long Description      | Switch Fuses,Front Operated,4-pole,22 (Between the Poles),DIN,0,1,Handle and shaft not included,Switched - With Solid Link |

### 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          | 1SCC311012M0219 |

### Dimensions

|                   |        |
|-------------------|--------|
| Product Net Width | 260 mm |
|-------------------|--------|

|                            |                   |
|----------------------------|-------------------|
| Product Net Height         | 199 mm            |
| Product Net Depth / Length | 154 mm            |
| Product Net Weight         | 4.7 kg<br>10.3 lb |

## Technical

|                                                      |                                                                                               |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A ( $I_e$ )           | (500 V) 250 A<br>(690 V) 250 A                                                                |
| Rated Operational Current AC-22A ( $I_e$ )           | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                                       |
| Rated Operational Current AC-23A ( $I_e$ )           | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                                       |
| Rated Operational Power AC-23A ( $P_e$ )             | (220 ... 240 V) 75 kW<br>(400 V) 140 kW<br>(415 V) 145 kW<br>(500 V) 170 kW<br>(690 V) 250 kW |
| Conventional Free-air Thermal Current ( $I_{th}$ )   | q = 40 °C 250 A                                                                               |
| Conventional Thermal Current ( $I_{the}$ )           | Fully Enclosed 250 A                                                                          |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )        | 12 kV                                                                                         |
| Rated Insulation Voltage ( $U_i$ )                   | 1000 V                                                                                        |
| Rated Operational Voltage                            | 500 V                                                                                         |
| Rated Short-time Withstand Current ( $I_{cw}$ )      | for 1 s 8 kiloampere rms                                                                      |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (690 V) 80 kA                                                                                 |
| Power Loss                                           | at Rated Operating Conditions per Pole 23 W                                                   |
| Pollution Degree                                     | 3                                                                                             |
| Handle Type                                          | Handle and shaft not included                                                                 |
| Fourth Pole Position                                 | Left Side                                                                                     |
| Fourth Pole Type                                     | Switched - With Solid Link                                                                    |
| Switches Operating Mechanism                         | 22 (Between the Poles)                                                                        |
| Position of Line Terminals                           | Top In - Bottom Out<br>Bottom In - Top Out                                                    |
| Fuse Size                                            | 0,1                                                                                           |
| Fuse System                                          | DIN                                                                                           |
| Operating Mode                                       | Front Operated                                                                                |
| Standards                                            | IEC 60947-3                                                                                   |
| Mounting Type                                        | Base mounting                                                                                 |
| Number of Poles                                      | 4                                                                                             |
| Terminal Type                                        | Lug terminals                                                                                 |
| Terminal Width                                       | 25 mm                                                                                         |
| Tightening Torque                                    | 30 ... 44 N·m                                                                                 |
| Fuse Type                                            | DIN                                                                                           |

## Environmental

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|------------------------------------------------------------------------|

| Certificates and Declarations (Document Number) |                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------|
| CCC Certificate                                 | CCC OS200-250 2016                                                |
| Declaration of Conformity - CE                  | 1SCC311095D2704                                                   |
| DNV GL Certificate                              | 1SCC311123D0203                                                   |
| EAC Certificate                                 | EAC<br>OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.pdf |
| Instructions and Manuals                        | 1SCC311012M0219                                                   |
| RoHS Information                                | 1SCC311095D2704                                                   |

| Container Information          |                   |
|--------------------------------|-------------------|
| Package Level 1 Units          | box 1 piece       |
| Package Level 1 Width          | 270 mm<br>10.6 in |
| Package Level 1 Depth / Length | 310 mm<br>12.2 in |
| Package Level 1 Height         | 200 mm<br>7.9 in  |
| Package Level 1 Gross Weight   | 4.9 kg<br>10.9 lb |
| Package Level 1 EAN            | 6417019235288     |

| Classifications            |                                                            |
|----------------------------|------------------------------------------------------------|
| Object Classification Code | Q                                                          |
| ETIM 4                     | EC001040 - Fuse switch disconnectors                       |
| ETIM 5                     | EC001040 - Fuse switch disconnectors                       |
| ETIM 6                     | EC001040 - Fuse switch disconnectors                       |
| ETIM 7                     | EC001040 - Fuse switch disconnectors                       |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

## Categories

Low Voltage Products and Systems → Switches → Switch Fuses

