

## PRODUCT-DETAILS

# OS1250DA22N2

## OS1250DA22N2 SWITCH FUSE



### General Information

|                       |                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS1250DA22N2                                                                                                              |
| Product ID            | 1SCA109767R1001                                                                                                           |
| EAN                   | 6417019430317                                                                                                             |
| Catalog Description   | OS1250DA22N2 SWITCH FUSE                                                                                                  |
| Long Description      | Switch Fuses,Front Operated,4-pole,22 (Between the Poles),DIN,4a,Handle and shaft not included,Switched - With Solid Link |

### Ordering

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

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC311127D0202 |
| Instructions and Manuals          | 1SCC311022M0207 |

### Dimensions

|                    |        |
|--------------------|--------|
| Product Net Width  | 539 mm |
| Product Net Height | 356 mm |

|                            |                   |
|----------------------------|-------------------|
| Product Net Depth / Length | 294 mm            |
| Product Net Weight         | 34 kg<br>74.96 lb |

## Technical

|                                                      |                                                                                                 |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A ( $I_e$ )           | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A                                      |
| Rated Operational Current AC-21B ( $I_e$ )           | (500 V) 1250 A<br>(690 V) 1250 A                                                                |
| Rated Operational Current AC-22A ( $I_e$ )           | (380 ... 415 V) 1250 A                                                                          |
| Rated Operational Current AC-22B ( $I_e$ )           | (500 V) 1250 A<br>(690 V) 1250 A                                                                |
| Rated Operational Current AC-23A ( $I_e$ )           | (380 ... 415 V) 1000 A                                                                          |
| Rated Operational Current AC-23B ( $I_e$ )           | (500 V) 1000 A<br>(690 V) 1000 A                                                                |
| Rated Operational Power AC-23A ( $P_e$ )             | (220 ... 240 V) 315 kW<br>(400 V) 560 kW<br>(415 V) 560 kW<br>(500 V) 710 kW<br>(690 V) 1000 kW |
| Conventional Free-air Thermal Current ( $I_{th}$ )   | $q = 40^\circ\text{C}$ 1250 A                                                                   |
| Conventional Thermal Current ( $I_{the}$ )           | Fully Enclosed 1000 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 40 kiloampere rms                                                                       |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (690 V) 80 kA                                                                                   |
| Power Loss                                           | at Rated Operating Conditions per Pole 110 W                                                    |
| Pollution Degree                                     | 3                                                                                               |
| Handle Type                                          | Handle and shaft not included                                                                   |
| Fourth Pole Position                                 | Right Side                                                                                      |
| Fourth Pole Type                                     | Switched - With Solid Link                                                                      |
| Switches Operating Mechanism                         | 22 (Between the Poles)                                                                          |
| Position of Line Terminals                           | Top In - Bottom Out, Bottom In - Top Out                                                        |
| Fuse Size                                            | 4a                                                                                              |
| Fuse System                                          | DIN                                                                                             |
| Operating Mode                                       | Front Operated                                                                                  |
| Standards                                            | IEC 60947-3                                                                                     |
| Mounting Type                                        | Base mounting                                                                                   |
| Number of Poles                                      | 4                                                                                               |
| Cable Cross-Section                                  | 2.5 ... 25 mm <sup>2</sup>                                                                      |
| Terminal Type                                        | Lug terminals                                                                                   |
| Terminal Width                                       | 50 mm                                                                                           |
| Tightening Torque                                    | 50 ... 75 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 OS1200-1250 2015.pdf                                          |
| Declaration of<br>Conformity - CE | 1SCC311127D2703                                                   |
| EAC Certificate                   | EAC<br>OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.pdf |
| Instructions and<br>Manuals       | 1SCC311022M0207                                                   |
| RoHS Information                  | 1SCC311127D2703                                                   |

## Container Information

|                                   |                    |
|-----------------------------------|--------------------|
| Package Level 1 Units             | box 1 piece        |
| Package Level 1 Width             | 394 mm<br>15.51 in |
| Package Level 1 Depth /<br>Length | 584 mm<br>22.99 in |
| Package Level 1 Height            | 385 mm<br>15.16 in |
| Package Level 1 Gross<br>Weight   | 37 kg<br>81.57 lb  |
| Package Level 1 EAN               | 6417019430317      |

## Classifications

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Object Classification<br>Code | Q                                                           |
| ETIM 4                        | EC001040 - Fuse switch disconnecter                         |
| 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) |

## Categories

Low Voltage Products and Systems → Switches → Switch Fuses

