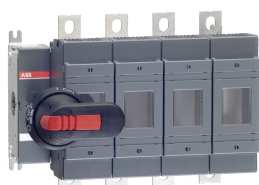


## PRODUCT-DETAILS

# OS250D40N2P

## OS250D40N2P SWITCH FUSE



### General Information

|                       |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS250D40N2P                                                                                                     |
| Product ID            | 1SCA022720R1210                                                                                                 |
| EAN                   | 6417019231372                                                                                                   |
| Catalog Description   | OS250D40N2P SWITCH FUSE                                                                                         |
| Long Description      | Switch Fuses,Front Operated,4-pole,40 (Right Side),DIN,0,1,Handle and shaft 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 | 262 mm |
|-------------------|--------|

|                            |                  |
|----------------------------|------------------|
| Product Net Height         | 199 mm           |
| Product Net Depth / Length | 154 mm           |
| Product Net Weight         | 4.4 kg<br>9.7 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                                   | Main Circuit 690 V AC                                                                         |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | 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                                                 | Pistol handle and shaft included                                                              |
| Fourth Pole Position                                        | Right Side                                                                                    |
| Fourth Pole Type                                            | Switched - With Solid Link                                                                    |
| Switches Operating Mechanism                                | 40 (Right Side)                                                                               |
| Position of Line Terminals                                  | Top In - Bottom Out, 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   | 4.7 kg<br>10.3 lb |
| Package Level 1 EAN            | 6417019231372     |

## Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Object Classification 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                        |
| ETIM 8                     | EC001040 - Fuse switch disconnecter                        |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland)         | 3661222                                                    |

## Categories

Low Voltage Products and Systems → Switches → Switch Fuses

