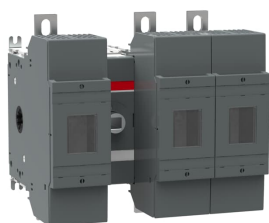


## PRODUCT-DETAILS

# OS400J12

## OS400J12 FUSIBLE DISCONNECT SWITCH



### General Information

|                       |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS400J12                                                                                               |
| Product ID            | 1SCA022755R3150                                                                                        |
| EAN                   | 6417019246215                                                                                          |
| Catalog Description   | OS400J12 FUSIBLE DISCONNECT SWITCH                                                                     |
| Long Description      | Switch Fuses,Front Operated,3-pole,12 (Between the Poles),Class J,400 A,Handle and shaft not included, |

### Ordering

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

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC311100D0203 |
| Instructions and Manuals          | 1SCC311015M0215 |

### Dimensions

|                    |        |
|--------------------|--------|
| Product Net Width  | 254 mm |
| Product Net Height | 230 mm |

|                            |                    |
|----------------------------|--------------------|
| Product Net Depth / Length | 176 mm             |
| Product Net Weight         | 6.4 kg<br>14.11 lb |

## Technical

|                                                            |                                                                                                |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A (I <sub>e</sub> )         | (500 V) 400 A<br>(690 V) 400 A                                                                 |
| Rated Operational Current AC-22A (I <sub>e</sub> )         | (380 ... 415 V) 400 A<br>(500 V) 400 A<br>(690 V) 400 A                                        |
| Rated Operational Current AC-23A (I <sub>e</sub> )         | (380 ... 415 V) 400 A<br>(500 V) 400 A<br>(690 V) 400 A                                        |
| Rated Operational Power AC-23A (P <sub>e</sub> )           | (220 ... 240 V) 132 kW<br>(400 V) 220 kW<br>(415 V) 230 kW<br>(500 V) 280 kW<br>(690 V) 400 kW |
| Conventional Free-air Thermal Current (I <sub>th</sub> )   | q = 40 °C 400 A                                                                                |
| Conventional Thermal Current (I <sub>the</sub> )           | Fully Enclosed 400 A                                                                           |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )        | 12 kV                                                                                          |
| Rated Insulation Voltage (U <sub>i</sub> )                 | 1000 V                                                                                         |
| Rated Operational Voltage                                  | 500 V                                                                                          |
| Rated Short-time Withstand Current (I <sub>cw</sub> )      | for 1 s 14 kiloampere rms                                                                      |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> ) | (690 V) 80 kA                                                                                  |
| Power Loss                                                 | at Rated Operating Conditions per Pole 45 W                                                    |
| Pollution Degree                                           | 3                                                                                              |
| Handle Type                                                | Handle and shaft not included                                                                  |
| Switches Operating Mechanism                               | 12 (Between the Poles)                                                                         |
| Position of Line Terminals                                 | Top In - Bottom Out, Bottom In - Top Out                                                       |
| Fuse Size                                                  | 400 A                                                                                          |
| Fuse System                                                | Class J                                                                                        |
| Operating Mode                                             | Front Operated                                                                                 |
| Standards                                                  | UL98<br>IEC 60947-3                                                                            |
| Mounting Type                                              | Base mounting                                                                                  |
| Number of Poles                                            | 3                                                                                              |
| Terminal Type                                              | Lug terminals                                                                                  |
| Terminal Width                                             | 25 mm                                                                                          |
| Tightening Torque                                          | 30 ... 44 N·m                                                                                  |
| Fuse Type                                                  | J                                                                                              |

## Technical UL/CSA

|                          |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|
| Horsepower Rating UL/CSA | (acc. to UL 240 V) 125 Hp<br>(acc. to UL 480 V) 250 Hp<br>(acc. to UL 600 V) 350 Hp |
| Ampere Rating UL/CSA     | 400 A                                                                               |
| Tightening Torque UL/CSA | Wire-Clamp 375 in·lb<br>Cable Lug 240 in·lb                                         |

## Environmental

RoHS Status

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

## Certificates and Declarations (Document Number)

|                                |                                                                   |
|--------------------------------|-------------------------------------------------------------------|
| CCC Certificate                | CCC OS315-400 2016                                                |
| Declaration of Conformity - CE | 1SCC311099D2704                                                   |
| DNV GL Certificate             | 1SCC311131D0202                                                   |
| EAC Certificate                | EAC<br>OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.pdf |
| Instructions and Manuals       | 1SCC311015M0215                                                   |
| RoHS Information               | 1SCC311099D2704                                                   |

## Container Information

|                                |                    |
|--------------------------------|--------------------|
| Package Level 1 Units          | box 1 piece        |
| Package Level 1 Width          | 240 mm<br>9.45 in  |
| Package Level 1 Depth / Length | 270 mm<br>10.63 in |
| Package Level 1 Height         | 206 mm<br>8.11 in  |
| Package Level 1 Gross Weight   | 6.8 kg<br>14.99 lb |
| Package Level 1 EAN            | 6417019246215      |

## 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                        |
| UNSPSC                     | 39122233                                                   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

## Categories

Low Voltage Products and Systems → Switches → Switch Fuses

