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PRODUCT-DETAILS

# OS630D31F

## OS630D31F SWITCH FUSE



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### General Information

|                       |                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS630D31F                                                                                                             |
| Product ID            | 1SCA022835R8400                                                                                                       |
| EAN                   | 6417019290942                                                                                                         |
| Catalog Description   | OS630D31F SWITCH FUSE                                                                                                 |
| Long Description      | Switch Fuses,Front operated,4-pole,31 (Between the Poles),DIN,3,Handle and shaft not included,Switched - Fusible Pole |

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### Ordering

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

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### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC311112D0203 |
| Instructions and Manuals          | 1SCC311016M0210 |

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### Dimensions

|                    |        |
|--------------------|--------|
| Product Net Width  | 429 mm |
| Product Net Height | 306 mm |

|                            |                       |
|----------------------------|-----------------------|
| Product Net Depth / Length | 233 mm                |
| Product Net Weight         | 19.154 kg<br>42.23 lb |

## Technical

|                                                      |                                                                                                |
|------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A ( $I_e$ )           | (500 V) 630 A<br>(690 V) 630 A                                                                 |
| Rated Operational Current AC-22A ( $I_e$ )           | (380 ... 415 V) 630 A<br>(500 V) 630 A<br>(690 V) 630 A                                        |
| Rated Operational Current AC-23A ( $I_e$ )           | (500 V) 630 A<br>(380 ... 415 V) 630 A<br>(690 V) 630 A                                        |
| Rated Operational Current AC-23B ( $I_e$ )           | (380 ... 415 V) 630 A<br>(500 V) 630 A<br>(690 V) 630 A                                        |
| Rated Operational Power AC-23A ( $P_e$ )             | (220 ... 240 V) 200 kW<br>(400 V) 355 kW<br>(415 V) 355 kW<br>(500 V) 450 kW<br>(690 V) 630 kW |
| Conventional Free-air Thermal Current ( $I_{th}$ )   | q = 40 °C 630 A                                                                                |
| Conventional Thermal Current ( $I_{the}$ )           | Fully Enclosed 570 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 18 kiloampere rms                                                                      |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (690 V) 80 kA                                                                                  |
| Power Loss                                           | at Rated Operating Conditions per Pole 60 W                                                    |
| Pollution Degree                                     | 3                                                                                              |
| Handle Type                                          | Handle and shaft not included                                                                  |
| Fourth Pole Type                                     | Switched - Fusible Pole                                                                        |
| Switches Operating Mechanism                         | 31 (Between the Poles)                                                                         |
| Position of Line Terminals                           | Top In - Bottom Out, Bottom In - Top Out                                                       |
| Fuse Size                                            | 3                                                                                              |
| 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                                       | 39 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 OS630-800 2016                                                  |
| Declaration of Conformity - CE | 1SCC311112D2704                                                     |
| DNV GL Certificate             | 1SCC311131D0202                                                     |
| EAC Certificate                | EAC<br>OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_p<br>f |
| Instructions and Manuals       | 1SCC311016M0210                                                     |
| RoHS Information               | 1SCC311112D2704                                                     |

## Container Information

|                                |                       |
|--------------------------------|-----------------------|
| Package Level 1 Units          | box 1 piece           |
| Package Level 1 Width          | 328 mm<br>12.91 in    |
| Package Level 1 Depth / Length | 453 mm<br>17.83 in    |
| Package Level 1 Height         | 260 mm<br>10.24 in    |
| Package Level 1 Gross Weight   | 20.074 kg<br>44.26 lb |
| Package Level 1 EAN            | 6417019290942         |

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

## Categories

Low Voltage Products and Systems → Switches → Switch Fuses

