

## PRODUCT-DETAILS

# OS630B40N1

## OS630B40N1 SWITCH FUSE



### General Information

|                       |                                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS630B40N1                                                                                                                         |
| Product ID            | 1SCA022837R9230                                                                                                                    |
| EAN                   | 6417019292304                                                                                                                      |
| Catalog Description   | OS630B40N1 SWITCH FUSE                                                                                                             |
| Long Description      | Switch Fuses,Front Operated,4-pole,40 (Right Side),British Standard,C1-C2,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 | 1SCC311112D0203 |
| Instructions and Manuals          | 1SCC311016M0210 |

### Dimensions

|                    |        |
|--------------------|--------|
| Product Net Width  | 431 mm |
| Product Net Height | 306 mm |

|                            |                       |
|----------------------------|-----------------------|
| Product Net Depth / Length | 233 mm                |
| Product Net Weight         | 18.464 kg<br>40.71 lb |

## Technical

|                                                            |                                                                                                |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A (I <sub>e</sub> )         | (500 V) 630 A<br>(690 V) 630 A                                                                 |
| Rated Operational Current AC-22A (I <sub>e</sub> )         | (380 ... 415 V) 630 A<br>(500 V) 630 A<br>(690 V) 630 A                                        |
| Rated Operational Current AC-23A (I <sub>e</sub> )         | (500 V) 630 A<br>(380 ... 415 V) 630 A<br>(690 V) 630 A                                        |
| Rated Operational Current AC-23B (I <sub>e</sub> )         | (380 ... 415 V) 630 A<br>(500 V) 630 A<br>(690 V) 630 A                                        |
| Rated Operational Power AC-23A (P <sub>e</sub> )           | (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 <sub>th</sub> )   | q = 40 °C 630 A                                                                                |
| Conventional Thermal Current (I <sub>the</sub> )           | Fully Enclosed 570 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 18 kiloampere rms                                                                      |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> ) | (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 Position                                       | Left 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                                                  | C1-C2                                                                                          |
| Fuse System                                                | British Standard                                                                               |
| 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                                                  | BS                                                                                             |

## 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                |
| Package Level 1 Depth / Length | 453 mm                |
| Package Level 1 Height         | 260 mm                |
| Package Level 1 Gross Weight   | 19.384 kg<br>42.73 lb |
| Package Level 1 EAN            | 6417019292304         |

| 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 |

