

## PRODUCT-DETAILS

# OS315B30N3

## OS315B30N3 SWITCH FUSE



### General Information

|                       |                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS315B30N3                                                                                                                                                    |
| Product ID            | 1SCA022753R9750                                                                                                                                               |
| EAN                   | 6417019245485                                                                                                                                                 |
| Catalog Description   | OS315B30N3 SWITCH FUSE                                                                                                                                        |
| Long Description      | Switch Fuses,Front Operated,4-pole,30 (Right Side),British Standard,B1-B4,Handle and shaft not included,Detachable Neutral Link Integrated Into the Mechanism |

### Ordering

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

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC311099D0203 |
| Instructions and Manuals          | 1SCC311015M0215 |

### Dimensions

|                    |        |
|--------------------|--------|
| Product Net Width  | 255 mm |
| Product Net Height | 230 mm |

|                            |                     |
|----------------------------|---------------------|
| Product Net Depth / Length | 176 mm              |
| Product Net Weight         | 6.63 kg<br>14.62 lb |

## Technical

|                                                      |                                                                                                |
|------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A ( $I_e$ )           | (500 V) 315 A<br>(690 V) 315 A                                                                 |
| Rated Operational Current AC-22A ( $I_e$ )           | (380 ... 415 V) 315 A<br>(500 V) 315 A<br>(690 V) 315 A                                        |
| Rated Operational Current AC-23A ( $I_e$ )           | (380 ... 415 V) 315 A<br>(500 V) 315 A<br>(690 V) 315 A                                        |
| Rated Operational Power AC-23A ( $P_e$ )             | (220 ... 240 V) 100 kW<br>(400 V) 160 kW<br>(415 V) 180 kW<br>(500 V) 220 kW<br>(690 V) 315 kW |
| Conventional Free-air Thermal Current ( $I_{th}$ )   | q = 40 °C 315 A                                                                                |
| Conventional Thermal Current ( $I_{the}$ )           | Fully Enclosed 315 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 14 kiloampere rms                                                                      |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (690 V) 80 kA                                                                                  |
| Power Loss                                           | at Rated Operating Conditions per Pole 32 W                                                    |
| Pollution Degree                                     | 3                                                                                              |
| Handle Type                                          | Handle and shaft not included                                                                  |
| Fourth Pole Type                                     | Detachable Neutral Link Integrated Into the Mechanism                                          |
| Switches Operating Mechanism                         | 30 (Right Side)                                                                                |
| Position of Line Terminals                           | Top In - Bottom Out, Bottom In - Top Out                                                       |
| Fuse Size                                            | B1-B4                                                                                          |
| Fuse System                                          | British Standard                                                                               |
| Operating Mode                                       | Front Operated                                                                                 |
| Standards                                            | IEC 60947-3                                                                                    |
| Special Functions                                    | Detachable Neutral                                                                             |
| Mounting Type                                        | Base mounting                                                                                  |
| Number of Poles                                      | 3                                                                                              |
| Terminal Type                                        | Lug terminals                                                                                  |
| Terminal Width                                       | 25 mm                                                                                          |
| Tightening Torque                                    | 30 ... 44 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 OS315-400 2016                                                |
| Declaration of<br>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<br>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 /<br>Length | 270 mm<br>10.63 in |
| Package Level 1 Height            | 206 mm<br>8.11 in  |
| Package Level 1 Gross<br>Weight   | 7.03 kg<br>15.5 lb |
| Package Level 1 EAN               | 6417019245485      |

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

## Categories

Low Voltage Products and Systems → Switches → Switch Fuses

