

## PRODUCT-DETAILS

# OS125GFS30K

## OS125GFS30K SWITCH FUSE



### General Information

|                       |                                                                                    |
|-----------------------|------------------------------------------------------------------------------------|
| Extended Product Type | OS125GFS30K                                                                        |
| Product ID            | 1SCA115944R1001                                                                    |
| EAN                   | 6417019482118                                                                      |
| Catalog Description   | OS125GFS30K SWITCH FUSE                                                            |
| Long Description      | Switch Fuses,Side Operated,3-pole,30 (Right Side),NFC,22x58,Direct mounted handle, |

### Ordering

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

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC311137D0201 |
| Instructions and Manuals          | 1SCC110037M0206 |

### Dimensions

|                     |        |
|---------------------|--------|
| Product Net Width   | 202 mm |
| Product Net Height  | 140 mm |
| Product Net Depth / | 130 mm |

Length

|                    |        |
|--------------------|--------|
| Product Net Weight | 1.6 kg |
|--------------------|--------|

## Technical

|                                                      |                                                                                            |
|------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A ( $I_e$ )           | (500 V) 125 A<br>(690 V) 125 A                                                             |
| Rated Operational Current AC-22A ( $I_e$ )           | (500 V) 125 A<br>(690 V) 125 A                                                             |
| Rated Operational Current AC-23A ( $I_e$ )           | (500 V) 125 A<br>(690 V) 125 A                                                             |
| Rated Operational Power AC-23A ( $P_e$ )             | (220 ... 240 V) 37 kW<br>(400 V) 55 kW<br>(415 V) 55 kW<br>(500 V) 75 kW<br>(690 V) 110 kW |
| Conventional Free-air Thermal Current ( $I_{th}$ )   | $q = 40\text{ °C}$ 125 A                                                                   |
| Conventional Thermal Current ( $I_{the}$ )           | Fully Enclosed 125 A                                                                       |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )        | 8 kV                                                                                       |
| Rated Insulation Voltage ( $U_i$ )                   | 1000 V                                                                                     |
| Rated Operational Voltage                            | 500 V                                                                                      |
| Rated Short-time Withstand Current ( $I_{cw}$ )      | for 1 s 5 kiloampere rms                                                                   |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (690 V) 80 kA                                                                              |
| Power Loss                                           | at Rated Operating Conditions per Pole 12 W                                                |
| Pollution Degree                                     | 3                                                                                          |
| Handle Type                                          | Direct mounted handle included                                                             |
| Switches Operating Mechanism                         | 30 (Right Side)                                                                            |
| Position of Line Terminals                           | Top In - Bottom Out, Bottom In - Top Out                                                   |
| Fuse Size                                            | 22x58                                                                                      |
| Fuse System                                          | NFC                                                                                        |
| Operating Mode                                       | Side Operated                                                                              |
| Standards                                            | IEC 60947-3                                                                                |
| Mounting Type                                        | Base mounting                                                                              |
| Number of Poles                                      | 3                                                                                          |
| Terminal Type                                        | Lug terminals                                                                              |
| Terminal Width                                       | 20 mm                                                                                      |
| Tightening Torque                                    | 15 ... 22 N·m                                                                              |
| Fuse Type                                            | NFC                                                                                        |

## Environmental

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|------------------------------------------------------------------------|

## Certificates and Declarations (Document Number)

|                                |                          |
|--------------------------------|--------------------------|
| CCC Certificate                | CCC OS100-160G_ 2015.pdf |
| Declaration of Conformity - CE | 1SCC311137D2703          |
| DNV GL Certificate             | 1SCC311125D0203          |
| EAC Certificate                | EAC                      |

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.pdf |                 |
| Instructions and Manuals                                   | 1SCC110037M0206 |
| RoHS Information                                           | 1SCC311137D2703 |

Container Information

|                                |                  |
|--------------------------------|------------------|
| Package Level 1 Units          | box 1 piece      |
| Package Level 1 Width          | 170 mm<br>6.7 in |
| Package Level 1 Depth / Length | 250 mm<br>9.8 in |
| Package Level 1 Height         | 155 mm<br>6.1 in |
| Package Level 1 Gross Weight   | 2.4 kg<br>5.3 lb |
| Package Level 1 EAN            | 6417019482118    |

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

