

## PRODUCT-DETAILS

# OS125GD22LR

## OS125GD22LR SPECIAL CONNECTED SWITCH FUSE



### General Information

|                       |                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS125GD22LR                                                                                                                |
| Product ID            | 1SCA120262R1001                                                                                                            |
| EAN                   | 6417019517759                                                                                                              |
| Catalog Description   | OS125GD22LR SPECIAL CONNECTED SWITCH FUSE                                                                                  |
| Long Description      | Switch Fuses,Front operated,4-pole,22 (Between the Poles),DIN,000,00,Handle and shaft not included,Switched - Fusible Pole |

### Ordering

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

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC311140D0201 |
| Instructions and Manuals          | 1SCC311040M0205 |

### Dimensions

|                    |        |
|--------------------|--------|
| Product Net Width  | 277 mm |
| Product Net Height | 150 mm |

|                            |                  |
|----------------------------|------------------|
| Product Net Depth / Length | 156 mm           |
| Product Net Weight         | 2.9 kg<br>6.4 lb |

## Technical

|                                                            |                                                                                            |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A (I <sub>e</sub> )         | (500 V) 125 A<br>(690 V) 125 A                                                             |
| Rated Operational Current AC-22A (I <sub>e</sub> )         | (500 V) 125 A<br>(690 V) 125 A                                                             |
| Rated Operational Current AC-23A (I <sub>e</sub> )         | (500 V) 125 A<br>(690 V) 125 A                                                             |
| Rated Operational Power AC-23A (P <sub>e</sub> )           | (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 <sub>th</sub> )   | q = 40 °C 125 A                                                                            |
| Conventional Thermal Current (I <sub>the</sub> )           | Fully Enclosed 125 A                                                                       |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )        | 8 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 5 kiloampere rms                                                                   |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> ) | (690 V) 80 kA                                                                              |
| Power Loss                                                 | at Rated Operating Conditions per Pole 12 W                                                |
| Pollution Degree                                           | 3                                                                                          |
| Handle Type                                                | Handle and shaft not included                                                              |
| Fourth Pole Type                                           | Switched - Fusible Pole                                                                    |
| Switches Operating Mechanism                               | 22 (Between the Poles)                                                                     |
| Position of Line Terminals                                 | Left In - Right Out                                                                        |
| Fuse Size                                                  | 000,00                                                                                     |
| 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                                             | 20 mm                                                                                      |
| Tightening Torque                                          | 15 ... 22 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)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC311140D2703 |
|--------------------------------|-----------------|

|                          |                                                                   |
|--------------------------|-------------------------------------------------------------------|
| DNV GL Certificate       | 1SCC311125D0203                                                   |
| EAC Certificate          | EAC<br>OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.pdf |
| Instructions and Manuals | 1SCC311040M0205                                                   |
| RoHS Information         | 1SCC311140D2703                                                   |

Container Information

|                                |                   |
|--------------------------------|-------------------|
| Package Level 1 Units          | box 1 piece       |
| Package Level 1 Width          | 186 mm<br>7.3 in  |
| Package Level 1 Depth / Length | 300 mm<br>11.8 in |
| Package Level 1 Height         | 185 mm<br>7.3 in  |
| Package Level 1 Gross Weight   | 3.2 kg<br>7 lb    |
| Package Level 1 EAN            | 6417019517759     |

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

