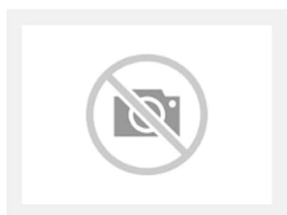


## PRODUCT-DETAILS

# OS50GF04N1

## OS50GF04N1 SWITCH FUSE



### General Information

|                       |                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS50GF04N1                                                                                                           |
| Product ID            | 1SCA115494R1001                                                                                                      |
| EAN                   | 6417019478494                                                                                                        |
| Catalog Description   | OS50GF04N1 SWITCH FUSE                                                                                               |
| Long Description      | Switch Fuses,Front Operated,4-pole,04 (Left Side),NFC,14x51,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 | 1SCC311136D2703 |
| Instructions and Manuals          | 1SCC311036M0212 |

### Dimensions

|                    |        |
|--------------------|--------|
| Product Net Width  | 136 mm |
| Product Net Height | 112 mm |

|                            |        |
|----------------------------|--------|
| Product Net Depth / Length | 109 mm |
| Product Net Weight         | 1.6 kg |

## Technical

|                                                      |                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A ( $I_e$ )           | (500 V) 50 A<br>(690 V) 50 A                                                              |
| Rated Operational Current AC-22A ( $I_e$ )           | (500 V) 50 A<br>(690 V) 50 A                                                              |
| Rated Operational Current AC-23A ( $I_e$ )           | (500 V) 50 A<br>(690 V) 50 A                                                              |
| Rated Operational Power AC-23A ( $P_e$ )             | (220 ... 240 V) 11 kW<br>(400 V) 22 kW<br>(415 V) 22 kW<br>(500 V) 30 kW<br>(690 V) 37 kW |
| Conventional Free-air Thermal Current ( $I_{th}$ )   | $q = 40\text{ °C}$ 50 A                                                                   |
| Conventional Thermal Current ( $I_{the}$ )           | Fully Enclosed 50 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 2.5 kiloampere rms                                                                |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (690 V) 80 kA                                                                             |
| Power Loss                                           | at Rated Operating Conditions per Pole 7.5 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                         | 04 (Left Side)                                                                            |
| Position of Line Terminals                           | Top In - Bottom Out, Bottom In - Top Out                                                  |
| Fuse Size                                            | 14x51                                                                                     |
| Fuse System                                          | NFC                                                                                       |
| Operating Mode                                       | Front Operated                                                                            |
| Standards                                            | IEC 60947-3                                                                               |
| Mounting Type                                        | Base mounting                                                                             |
| Number of Poles                                      | 4                                                                                         |
| Cable Cross-Section                                  | 2.5 ... 25 mm <sup>2</sup>                                                                |
| Terminal Type                                        | Screw Terminals                                                                           |
| Tightening Torque                                    | 3 N·m<br>4 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 OS32-63G_ 2016.pdf |
|-----------------|------------------------|

|                                   |                                                                   |
|-----------------------------------|-------------------------------------------------------------------|
| Declaration of<br>Conformity - CE | 1SCC311136D2703                                                   |
| DNV GL Certificate                | 1SCC311125D0203                                                   |
| EAC Certificate                   | EAC<br>OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.pdf |
| Instructions and<br>Manuals       | 1SCC311036M0212                                                   |
| RoHS Information                  | 1SCC311136D2703                                                   |

Container Information

|                                   |                  |
|-----------------------------------|------------------|
| Package Level 1 Units             | box 1 piece      |
| Package Level 1 Width             | 170 mm<br>6.7 in |
| Package Level 1 Depth /<br>Length | 190 mm<br>7.5 in |
| Package Level 1 Height            | 145 mm<br>5.7 in |
| Package Level 1 Gross<br>Weight   | 1.6 kg<br>3.5 lb |
| Package Level 1 EAN               | 6417019478494    |

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

