

## PRODUCT-DETAILS

# OS60GJ22N1

## OS60GJ22N1 FUSIBLE DISCONNECT SWITCH



### General Information

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS60GJ22N1                                                                                                                      |
| Product ID            | 1SCA116801R1001                                                                                                                 |
| EAN                   | 6417019488790                                                                                                                   |
| Catalog Description   | OS60GJ22N1 FUSIBLE DISCONNECT SWITCH                                                                                            |
| Long Description      | Switch Fuses,Front Operated,4-pole,22 (Between the Poles),Class J,60 A,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  | 180 mm |
| Product Net Height | 112 mm |

|                            |                    |
|----------------------------|--------------------|
| Product Net Depth / Length | 118 mm             |
| Product Net Weight         | 1.71 kg<br>3.77 lb |

## Technical

|                                                            |                                                                                             |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A (I <sub>e</sub> )         | (500 V) 60 A<br>(690 V) 60 A                                                                |
| Rated Operational Current AC-22A (I <sub>e</sub> )         | (500 V) 60 A<br>(690 V) 60 A                                                                |
| Rated Operational Current AC-23A (I <sub>e</sub> )         | (500 V) 60 A<br>(690 V) 60 A                                                                |
| Rated Operational Power AC-23A (P <sub>e</sub> )           | (220 ... 240 V) 18.5 kW<br>(400 V) 30 kW<br>(415 V) 30 kW<br>(500 V) 37 kW<br>(690 V) 55 kW |
| Conventional Free-air Thermal Current (I <sub>th</sub> )   | q = 40 °C 63 A                                                                              |
| Conventional Thermal Current (I <sub>the</sub> )           | Fully Enclosed 63 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 2.5 kiloampere rms                                                                  |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> ) | (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                               | 22 (Between the Poles)                                                                      |
| Position of Line Terminals                                 | Top In - Bottom Out, Bottom In - Top Out                                                    |
| Fuse Size                                                  | 60 A                                                                                        |
| Fuse System                                                | Class J                                                                                     |
| Operating Mode                                             | Front Operated                                                                              |
| Standards                                                  | UL98<br>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                                                                             |
| Fuse Type                                                  | J                                                                                           |

## Technical UL/CSA

|                          |                                                                                  |
|--------------------------|----------------------------------------------------------------------------------|
| Horsepower Rating UL/CSA | (acc. to UL 240 V) 15 Hp<br>(acc. to UL 480 V) 30 Hp<br>(acc. to UL 600 V) 50 Hp |
| Ampere Rating UL/CSA     | 60 A                                                                             |
| Tightening Torque UL/CSA | Wire-Clamp 30 in·lb<br>Wire-Clamp 35 in·lb                                       |

## 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   | 1.8 kg<br>4.1 lb |
| Package Level 1 EAN               | 6417019488790    |

## 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                        |
| UNSPSC                        | 39122233                                                   |
| WEEE Category                 | 5. Small Equipment (No External Dimension More Than 50 cm) |

## Categories

Low Voltage Products and Systems → Switches → Switch Fuses

