

## PRODUCT-DETAILS

# OS60GJS40F

## OS60GJS40F FUSIBLE DISCONNECT SWITCH



### General Information

|                       |                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS60GJS40F                                                                                                           |
| Product ID            | 1SCA115970R1001                                                                                                      |
| EAN                   | 6417019482408                                                                                                        |
| Catalog Description   | OS60GJS40F FUSIBLE DISCONNECT SWITCH                                                                                 |
| Long Description      | Switch Fuses,Side Operated,4-pole,40 (Right Side),Class J,60 A,Handle and shaft not included,Switched - Fusible Pole |

### Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85365080     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC311013C0201 |
| Instructions and Manuals          | 1SCC311038M0207 |

### Dimensions

|                   |        |
|-------------------|--------|
| Product Net Width | 215 mm |
|-------------------|--------|

|                            |                     |
|----------------------------|---------------------|
| Product Net Height         | 130 mm              |
| Product Net Depth / Length | 120 mm              |
| Product Net Weight         | 1.935 kg<br>4.27 lb |

## Technical

|                                                             |                                                                                             |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Rated Operational Current AC-21A ( $I_e$ )                  | (500 V) 60 A<br>(690 V) 60 A                                                                |
| Rated Operational Current AC-22A ( $I_e$ )                  | (500 V) 60 A<br>(690 V) 60 A                                                                |
| Rated Operational Current AC-23A ( $I_e$ )                  | (500 V) 60 A<br>(690 V) 60 A                                                                |
| Rated Operational Power AC-23A ( $P_e$ )                    | (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 ( $I_{th}$ )          | q = 40 °C 63 A                                                                              |
| Conventional Thermal Current ( $I_{the}$ )                  | Fully Enclosed 63 A                                                                         |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 12 kV                                                                                       |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V                                                                                      |
| Rated Operational Voltage                                   | Main Circuit 690 V AC                                                                       |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | 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 Type                                            | Switched - Fusible Pole                                                                     |
| Switches Operating Mechanism                                | 40 (Right Side)                                                                             |
| Position of Line Terminals                                  | Top In - Bottom Out, Bottom In - Top Out                                                    |
| Fuse Size                                                   | 60 A                                                                                        |
| Fuse System                                                 | Class J                                                                                     |
| Operating Mode                                              | Side 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       | 1SCC311038M0207                                                   |
| 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 | 250 mm<br>9.8 in |
| Package Level 1 Height            | 155 mm<br>6.1 in |
| Package Level 1 Gross<br>Weight   | 2.1 kg<br>4.6 lb |
| Package Level 1 EAN               | 6417019482408    |

## 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                        |
| ETIM 8                        | 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

