

# OS100GJ12

## General Information

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | OS100GJ12  |
| <b>Product ID:</b>            | 1SCA115665R1001  |
| <b>EAN:</b>                   | 6417019479842  |
| <b>Catalog Description:</b>   | OS100GJ12 Fusible disconnect switch  |
| <b>Long Description:</b>      | Switch Fuses,Front Operated,3-pole,12 (Between the Poles),Class J,100 A,Handle and shaft not included, |

## Categories

Products » Low Voltage Products and Systems » Switches » Switch Fuses

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Minimum Order Quantity:</b> | 1 piece  |
| <b>Customs Tariff Number:</b>  | 85365080 |

## Popular Downloads

|   |                                 |
|---|---------------------------------|
| <b>Data Sheet, Technical Information:</b> | <a href="#">1SCC311137D0201</a> |
| <b>Instructions and Manuals:</b>          | <a href="#">1SCC110037M0206</a> |

## Dimensions

|                                    |                  |
|------------------------------------|------------------|
| <b>Product Net Width:</b>          | 147 mm           |
| <b>Product Net Height:</b>         | 172 mm           |
| <b>Product Net Depth / Length:</b> | 105 mm           |
| <b>Product Net Weight:</b>         | 1.815 kg<br>4 lb |

## Technical

|  |  |
|--|--|
| <b>Rated Operational Current AC-21A (I<sub>e</sub>):</b>       | (380 ... 415 V) 160 A<br>(500 V) 160 A<br>(690 V) 160 A                                    |
| <b>Rated Operational Current AC-22A (I<sub>e</sub>):</b>       | (380 ... 415 V) 160 A<br>(500 V) 160 A<br>(690 V) 160 A                                    |
| <b>Rated Operational Current AC-23A (I<sub>e</sub>):</b>       | (380 ... 415 V) 160 A<br>(500 V) 160 A<br>(690 V) 160 A                                    |
| <b>Rated Operational Power AC-23A (P<sub>e</sub>):</b>         | (220 ... 240 V) 45 kW<br>(400 V) 75 kW<br>(415 V) 75 kW<br>(500 V) 90 kW<br>(690 V) 132 kW |
| <b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b> | q = 40 °C 160 A  |
| <b>Conventional Thermal Current (I<sub>the</sub>):</b>         | Fully Enclosed 160 A   |

|  |  |
|--|--|
| <b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>   | 12 kV                                      |
| <b>Rated Insulation Voltage (<math>U_i</math>):</b>              | 1000 V                                     |
| <b>Rated Operational Voltage:</b>                                | 690 V AC                                   |
| <b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b> | for 1 s 5 kiloampere rms                   |
| <b>Power Loss:</b>   | at Rated Operating Conditions per Pole 9 W |
| <b>Pollution Degree:</b>   | 3  |
| <b>Handle Type:</b>  | Handle and shaft not included              |
| <b>Switches Operating Mechanism:</b>                             | 12 (Between the Poles)                     |
| <b>Position of Line Terminals:</b>                               | Top In - Bottom Out<br>Bottom In - Top Out |
| <b>Fuse Size:</b>  | 100 A                                      |
| <b>Fuse System:</b>  | Class J                                    |
| <b>Operating Mode:</b>   | Front Operated                             |
| <b>Standards:</b>  | UL98                                       |
| <b>Mounting Type:</b>  | Base mounting                              |
| <b>Number of Poles:</b>  | 3  |
| <b>Terminal Type:</b>  | Lug terminals                              |
| <b>Terminal Width:</b>   | 20 mm                                      |

#### Technical UL/CSA

|                                  |  |
|----------------------------------|--|
| <b>Horsepower Rating UL/CSA:</b> | (acc. to UL 240 V) 30 Hp<br>(acc. to UL 480 V) 60 Hp<br>(acc. to UL 600 V) 75 Hp |
| <b>Ampere Rating UL/CSA:</b>     | 100 A  |
| <b>Tightening Torque UL/CSA:</b> | Wire-Clamp 120 in·lb<br>Cable Lug 50 in·lb                                       |

#### Certificates and Declarations (Document Number)

|  |  |
|--|--|
| <b>CCC Certificate:</b>                | <a href="#">CCC OS100-160G_2015.pdf</a>  |
| <b>Declaration of Conformity - CE:</b> | <a href="#">1SCC311137D2703</a>  |
| <b>DNV GL Certificate:</b>             | <a href="#">1SCC311125D0203</a>  |
| <b>EAC Certificate:</b>                | <a href="#">EAC<br/>OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.p</a> |
| <b>Instructions and Manuals:</b>       | <a href="#">1SCC110037M0206</a>  |
| <b>RoHS Information:</b>               | <a href="#">1SCC311108D0203</a>  |

#### Container Information

|  |                   |
|--|-------------------|
| <b>Package Level 1 Units:</b>          | 1 piece           |
| <b>Package Level 1 Width:</b>          | 192 mm<br>7.56 in |
| <b>Package Level 1 Depth / Length:</b> | 242 mm<br>9.53 in |
| <b>Package Level 1 Height:</b>         | 159 mm<br>6.26 in |
| <b>Package Level 1 Gross Weight:</b>   |                   |

2.055 kg

4.53 lb

---

**Package Level 1 EAN:** 6417019479842

## Classifications

**Object Classification Code:** Q

---

**ETIM 5:** EC001040 - Fuse switch disconnecter

---

**ETIM 6:** EC001040 - Fuse switch disconnecter

---

**ETIM 7:** EC001040 - Fuse switch disconnecter

