

## PRODUCT-DETAILS

# OT630E01P

## OT630E01P SWITCH-DISCONNECTOR



### General Information

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT630E01P                                                                                                           |
| Product ID            | 1SCA111680R1001                                                                                                     |
| EAN                   | 6417019447957                                                                                                       |
| Catalog Description   | OT630E01P SWITCH-DISCONNECTOR                                                                                       |
| Long Description      | 1-pole, front operated, base mounted switch-diconector with black IP65 handle and shaft, terminal bolt kit included |

### Ordering

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

### Popular Downloads

|                                   |                                                        |
|-----------------------------------|--------------------------------------------------------|
| Data Sheet, Technical Information | 1SCC301020C0201                                        |
| Instructions and Manuals          | 1SCC301042M0211                                        |
| Mechanical Drawings               | 1SCC301306F0001<br>1SCC301305F0001<br>OT600_800E01.igs |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 136 mm |
| Product Net Height         | 250 mm |
| Product Net Depth / Length | 140 mm |
| Product Net Weight         | 3.2 kg |

## Technical

|                                                       |                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------|
| Rated Operational Current<br>AC-21A ( $I_e$ )         | (380 ... 415 V) 630 A<br>(500 V) 630 A<br>(690 V) 630 A<br>(1000 V) 630 A            |
| Rated Operational Current<br>AC-22A ( $I_e$ )         | (380 ... 415 V) 630 A<br>(500 V) 630 A<br>(690 V) 630 A                              |
| Rated Operational Current<br>AC-23A ( $I_e$ )         | (380 ... 415 V) 630 A<br>(500 V) 630 A<br>(690 V) 630 A                              |
| Rated Operational Power<br>AC-23A ( $P_e$ )           | (220 ... 240 V) 200 kW<br>(400 ... 415 V) 355 kW<br>(500 V) 400 kW<br>(690 V) 630 kW |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ ) | q = 40 °C 630 A                                                                      |
| Conventional Thermal<br>Current ( $I_{the}$ )         | Fully Enclosed 630 A                                                                 |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )      | 12 kV                                                                                |
| Rated Insulation Voltage<br>( $U_i$ )                 | acc. to IEC/EN 60664-1 1000 V                                                        |
| Rated Operational Voltage                             | Main Circuit 1000 V                                                                  |
| Rated Short-Circuit<br>Making Capacity ( $I_{cm}$ )   | (690 V) 80 kA                                                                        |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )    | for 1 s 20 kA                                                                        |
| Power Loss                                            | at Rated Operating Conditions per Pole 25 W                                          |
| Pollution Degree                                      | 3                                                                                    |
| Handle Color                                          | Black                                                                                |
| Handle Type                                           | Handle and shaft included                                                            |
| Switches Operating<br>Mechanism                       | Mechanism at the End of the Switch<br>01 (Left Side)                                 |
| Distance Between Phases                               | Standard                                                                             |
| Position of Line Terminals                            | Top In - Bottom Out<br>Bottom In - Top Out                                           |
| Operating Mode                                        | Front operated                                                                       |
| Standards                                             | IEC 60947-3                                                                          |
| Special Functions                                     | No                                                                                   |
| Mounting Type                                         | Base mounting                                                                        |
| Number of Poles                                       | 1                                                                                    |
| Degree of Protection                                  | Front IP00                                                                           |
| Terminal Type                                         | Lug terminals                                                                        |
| Tightening Torque                                     | acc. IEC 60947-1 50...75 N·m                                                         |
| Mechanical Durability                                 | 10000                                                                                |
| Lock Type                                             | Yes                                                                                  |

## Environmental

RoHS Status

Following EU Directive 2011/65/EU

Environmental Information

1SCC301149D0202

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC301140D2704 |
| DNV GL Certificate                | 1SCC301184D0203 |
| Environmental Information         | 1SCC301149D0202 |
| Instructions and Manuals          | 1SCC301042M0211 |
| RoHS Information                  | 1SCC301149D0203 |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 170 mm        |
| Package Level 1 Depth /<br>Length | 270 mm        |
| Package Level 1 Height            | 185 mm        |
| Package Level 1 Gross<br>Weight   | 3.4 kg        |
| Package Level 1 EAN               | 6417019447957 |

## Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Object Classification Code | Q                                                          |
| ETIM 5                     | EC000216 - Switch disconnecter                             |
| ETIM 6                     | EC000216 - Switch disconnecter                             |
| ETIM 7                     | EC000216 - Switch disconnecter                             |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

