

## PRODUCT-DETAILS

# OT250ESUR6TZ

## OT250ESUR6TZ Safety switch



### General Information

|                       |                            |
|-----------------------|----------------------------|
| Extended Product Type | OT250ESUR6TZ               |
| Product ID            | 1SCA102370R1001            |
| EAN                   | 6417019841793              |
| Catalog Description   | OT250ESUR6TZ Safety switch |

### Long Description

The enclosure and handle of the OT series is made of rigid acid proof steel, class AISI316L. The enclosure has a hinged door, with door lock. The cover is interlocked, and can not be opened when switch is on. The interlock function can be defeated for thermographing. The cover has also a gas pressure releaf function, to protect the user in case of internal arc. Suitable for outdoor and indoor use. The cable entries holes are prepared for cable flanges. The cable flanges (KOT61007 or KOT62296 (for EMC)) and the covers for the holes (KOT61008), have to be bought separately. The switch can be used in EMC applications, if EMC ring flanges are used. PE terminals and auxilliary contacts are included.

### Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85363090     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

|                       |                 |
|-----------------------|-----------------|
| Data Sheet, Technical | 1SCC340015C0201 |
|-----------------------|-----------------|

## Information

## Instructions and Manuals

1SCC340015M0001

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 800 mm   |
| Product Net Height         | 800 mm   |
| Product Net Depth / Length | 230 mm   |
| Product Net Weight         | 47.14 kg |

## Technical

|                                                     |                                                                                |
|-----------------------------------------------------|--------------------------------------------------------------------------------|
| Rated Operational Current<br>AC-22A ( $I_e$ )       | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                        |
| Rated Operational Current<br>AC-23A ( $I_e$ )       | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                        |
| Rated Operational Power<br>AC-23A ( $P_e$ )         | (380 ... 415 V) 132 kW<br>(500 V) 160 kW<br>(690 V) 200 kW                     |
| Conventional Thermal<br>Current ( $I_{the}$ )       | Fully Enclosed 250 A                                                           |
| 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 ( $I_{cm}$ ) | (1000 V AC) 30 kA                                                              |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )  | for 1 s 8 kA                                                                   |
| Power Loss                                          | at Rated Operating Conditions per Pole 6.5 W                                   |
| Pollution Degree                                    | 3                                                                              |
| Handle Color                                        | Stainless Steel                                                                |
| Handle Type                                         | Pistol handle                                                                  |
| Standards                                           | IEC 60947-1, -3                                                                |
| Number of Poles                                     | 6                                                                              |
| Connecting Capacity Main<br>Circuit                 | Hole Diameter 8 mm<br>Screw Clamp / PE Terminal 8pcs, 25...120 mm <sup>2</sup> |
| Cable Entry Position                                | Down/Down                                                                      |
| Cable Outlets Per Side                              | Blank / 8xring-flange+ø25.5mm                                                  |
| Degree of Protection                                | acc. to IEC 60529 IP65                                                         |
| Enclosure Material                                  | Stainless steel                                                                |
| Maximum Mounted<br>Auxiliary Contacts               | 4 NO, 2 NC                                                                     |
| Mounted Auxiliary<br>Contacts                       | 4 NO, 2 NC                                                                     |

## Environmental

## RoHS Status

Following EU Directive 2011/65/EU

| Certificates and Declarations (Document Number) |                 |
|-------------------------------------------------|-----------------|
| Declaration of Conformity<br>- CE               | 1SCC340025D2704 |
| Instructions and Manuals                        | 1SCC340015M0001 |
| RoHS Information                                | 1SCC340049D0202 |

| Container Information             |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 815 mm        |
| Package Level 1 Depth /<br>Length | 910 mm        |
| Package Level 1 Height            | 325 mm        |
| Package Level 1 Gross<br>Weight   | 51 kg         |
| Package Level 1 EAN               | 6417019841793 |

| Classifications            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Object Classification Code | Q                                                           |
| ETIM 5                     | EC000216 - Switch disconnecter                              |
| ETIM 6                     | EC000216 - Switch disconnecter                              |
| ETIM 7                     | EC000216 - Switch disconnecter                              |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm) |

| Categories                                                                                                 |
|------------------------------------------------------------------------------------------------------------|
| Low Voltage Products and Systems → Enclosed Switches → Enclosed Safety Switches → Enclosed Safety Switches |

