

## PRODUCT-DETAILS

# OT1600E20

## OT1600E20 SWITCH-DISCONNECTOR



### General Information

|                       |                               |
|-----------------------|-------------------------------|
| Extended Product Type | OT1600E20                     |
| Product ID            | 1SCA139868R1001               |
| EAN                   | 6417019677101                 |
| Catalog Description   | OT1600E20 SWITCH-DISCONNECTOR |
| Long Description      | OT1600E20 SWITCH-DISCONNECTOR |

### Ordering

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

### Popular Downloads

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 1SCC301047M0213 |
| Mechanical Drawings      | OT1600E20.igs   |

### Dimensions

|                   |        |
|-------------------|--------|
| Product Net Width | 254 mm |
|-------------------|--------|

|                            |         |
|----------------------------|---------|
| Product Net Height         | 372 mm  |
| Product Net Depth / Length | 167 mm  |
| Product Net Weight         | 11.9 kg |

## Technical

|                                                     |                                                             |
|-----------------------------------------------------|-------------------------------------------------------------|
| Rated Operational Current<br>AC-22A ( $I_e$ )       | (380 ... 415 V) 1600 A<br>(500 V) 1600 A<br>(690 V) 1600 A  |
| Rated Operational Current<br>AC-23A ( $I_e$ )       | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A  |
| Rated Operational Power<br>AC-23A ( $P_e$ )         | (400 ... 415 V) 710 kW<br>(500 V) 900 kW<br>(690 V) 1200 kW |
| Conventional Thermal<br>Current ( $I_{the}$ )       | Fully Enclosed 1600 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) 110 kA                                              |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )  | for 1 s 50 kA                                               |
| Power Loss                                          | at Rated Operating Conditions per Pole 48 W                 |
| Pollution Degree                                    | 3                                                           |
| Handle Type                                         | Handle and shaft not included                               |
| Standards                                           | IEC 60947-3                                                 |
| Number of Poles                                     | 2                                                           |
| Degree of Protection                                | Front IP00                                                  |
| Terminal Type                                       | Lug terminals                                               |
| Tightening Torque                                   | acc. IEC 60947-1 50...75 N·m                                |
| Mechanical Durability                               | 6000                                                        |
| Lock Type                                           | No                                                          |

## Environmental

|             |                                   |
|-------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
|-------------|-----------------------------------|

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC301155D2704 |
| Instructions and Manuals          | 1SCC301047M0213 |
| RoHS Information                  | 1SCC301149D0203 |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 400 mm        |
| Package Level 1 Depth / Length | 435 mm        |
| Package Level 1 Height         | 170 mm        |
| Package Level 1 Gross Weight   | 13.2 kg       |
| Package Level 1 EAN            | 6417019677101 |

Classifications

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

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

