

## PRODUCT-DETAILS

# OT4000E12

## OT4000E12 SWITCH-DISCONNECTOR



### General Information

|                       |                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT4000E12                                                                                                                 |
| Product ID            | 1SCA128872R1001                                                                                                           |
| EAN                   | 6417019551913                                                                                                             |
| Catalog Description   | OT4000E12 SWITCH-DISCONNECTOR                                                                                             |
| Long Description      | 3-pole, front operated, base mounted switch-d disconnecter, handle and shaft are not included, 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          | 1SCC301082M0206 |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 514 mm  |
| Product Net Height         | 410 mm  |
| Product Net Depth / Length | 146 mm  |
| Product Net Weight         | 36.2 kg |

## Technical

|                                                       |                                                       |
|-------------------------------------------------------|-------------------------------------------------------|
| Rated Operational Current<br>AC-21B ( $I_g$ )         | (380 ... 415 V) 3800 A                                |
| Rated Operational Current<br>AC-22B ( $I_g$ )         | (380 ... 415 V) 3800 A                                |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ ) | $q = 40\text{ °C}$ 3800 A                             |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )      | 8 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) 176 kA                                        |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )    | for 1 s 80 kA                                         |
| Power Loss                                            | at Rated Operating Conditions per Pole 130 W          |
| Pollution Degree                                      | 3                                                     |
| Handle Type                                           | Handle and shaft not included                         |
| Switches Operating<br>Mechanism                       | Mechanism Between the Poles<br>12 (Between the Poles) |
| 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                                       | 3                                                     |
| Degree of Protection                                  | Front IP00                                            |
| Terminal Type                                         | Lug terminals                                         |
| Tightening Torque                                     | acc. IEC 60947-1 50...75 N·m                          |
| Mechanical Durability                                 | 5000                                                  |
| Lock Type                                             | No                                                    |

## Environmental

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

| Certificates and Declarations (Document Number) |                 |
|-------------------------------------------------|-----------------|
| Declaration of Conformity - CE                  | 1SCC301211D2701 |
| DNV GL Certificate                              | 1SCC301184D0203 |
| Instructions and Manuals                        | 1SCC301082M0206 |
| RoHS Information                                | 1SCC301149D0203 |

| Container Information          |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 435 mm        |
| Package Level 1 Depth / Length | 673 mm        |
| Package Level 1 Height         | 215 mm        |
| Package Level 1 Gross Weight   | 38.6 kg       |
| Package Level 1 EAN            | 6417019551913 |

| 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 → Switches → Switch Disconnectors

