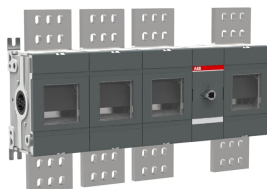


## PRODUCT-DETAILS

# OT2500E31

## OT2500E31 SWITCH-DISCONNECTOR



### General Information

|                       |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT2500E31                                                                                                              |
| Product ID            | 1SCA105148R1001                                                                                                        |
| EAN                   | 6417019392547                                                                                                          |
| Catalog Description   | OT2500E31 SWITCH-DISCONNECTOR                                                                                          |
| Long Description      | 4-pole, front operated, base mounted switch-diconductor, 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          | 1SCC301078M0205 |

### Dimensions

|                   |          |
|-------------------|----------|
| Product Net Width | 598.5 mm |
|-------------------|----------|

|                            |          |
|----------------------------|----------|
| Product Net Height         | 376.5 mm |
| Product Net Depth / Length | 145.5 mm |
| Product Net Weight         | 32.4 kg  |

## Technical

|                                                       |                                                            |
|-------------------------------------------------------|------------------------------------------------------------|
| Rated Operational Current<br>AC-21B ( $I_g$ )         | (380 ... 415 V) 2500 A<br>(500 V) 2500 A<br>(690 V) 2500 A |
| Rated Operational Current<br>AC-22B ( $I_g$ )         | (380 ... 415 V) 2500 A<br>(500 V) 2500 A<br>(690 V) 2500 A |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ ) | q = 40 °C 2500 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) 176 kA                                             |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )    | for 1 s 55 kA                                              |
| Power Loss                                            | at Rated Operating Conditions per Pole 85 W                |
| Pollution Degree                                      | 3                                                          |
| Handle Type                                           | Handle and shaft not included                              |
| Fourth Pole Position                                  | Right Side                                                 |
| Fourth Pole Type                                      | Switched - Simultaneous Function                           |
| Switches Operating<br>Mechanism                       | Mechanism Between the Poles<br>31 (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                                       | 4                                                          |
| 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 |
| Environmental Information | 1SCC301149D0202                   |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC301176D2702 |
| DNV GL Certificate                | 1SCC301184D0203 |
| Environmental Information         | 1SCC301149D0202 |

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 1SCC301078M0205 |
| RoHS Information         | 1SCC301149D0203 |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 407 mm        |
| Package Level 1 Depth / Length | 619 mm        |
| Package Level 1 Height         | 190 mm        |
| Package Level 1 Gross Weight   | 34.3 kg       |
| Package Level 1 EAN            | 6417019392547 |

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

