PRODUCT-DETAILS

# OT2500E13P

# OT2500E13P SWITCH-DISCONNECTOR



## General Information

| | |
|---|---|
| Extended Product Type | OT2500E13P |
| Product ID | 1SCA105147R1001 |
| EAN | 6417019392530 |
| Catalog Description | OT2500E13P SWITCH-DISCONNECTOR |
| Long Description | 4-pole, front operated, base mounted switch-diconnector 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 | 1SCC301078M0205 |
| Mechanical Drawings | 1SCC301524F0001<br>1SCC301523F0001<br>OT2500E13.igs |

## Dimensions

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|---|---|
| Product Net Width | 598.5 mm |
| Product Net Height | 376.5 mm |
| Product Net Depth / Length | 145.5 mm |
| Product Net Weight | 33.3 kg |

## Technical

| | |
|---|---|
| Rated Operational Current AC-21B ($I_e$) | (380 ... 415 V) 2500 A<br>(500 V) 2500 A<br>(690 V) 2500 A |
| Rated Operational Current AC-22B ($I_e$) | (380 ... 415 V) 2500 A<br>(500 V) 2500 A<br>(690 V) 2500 A |
| Conventional Free-air Thermal Current ($I_{th}$) | q = 40 °C 2500 A |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 12 kV |
| Rated Insulation Voltage ($U_i$) | acc. to IEC/EN 60664-1 1000 V |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity ($I_{cm}$) | (690 V) 176 kA |
| Rated Short-time Withstand Current ($I_{cw}$) | for 1 s 55 kA |
| Power Loss | at Rated Operating Conditions per Pole 85 W |
| Pollution Degree | 3 |
| Handle Color | Black |
| Handle Type | Handle and shaft included |
| Fourth Pole Position | Right Side |
| Fourth Pole Type | Switched - Simultaneous Function |
| Switches Operating Mechanism | Mechanism Between the Poles<br>13 (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 | Yes |

## Environmental

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|---|---|
| RoHS Status | Following EU Directive 2011/65/EU |
| Environmental Information | 1SCC301149D0202 |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| Declaration of Conformity - 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 | 580 mm |
| Package Level 1 Depth / Length | 780 mm |
| Package Level 1 Height | 500 mm |
| Package Level 1 Gross Weight | 35.2 kg |
| Package Level 1 EAN | 6417019392530 |

## Classifications

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

## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

