PRODUCT-DETAILS

# OT1600E04P

# OT1600E04P SWITCH-DISCONNECTOR



## General Information

| | |
|---|---|
| Extended Product Type | OT1600E04P |
| Product ID | 1SCA022860R6740 |
| EAN | 6417019309385 |
| Catalog Description | OT1600E04P 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 | 1SCC301047M0213 |
| Mechanical Drawings | 1SCC301504F0001<br>1SCC301503F0001<br>OT1600E04.igs |

## Dimensions

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|---|---|
| Product Net Width | 414.5 mm |
| Product Net Height | 372 mm |
| Product Net Depth / Length | 167 mm |
| Product Net Weight | 22.3 kg |

## Technical

| | |
|---|---|
| Rated Operational Current AC-21A ($I_e$) | (380 ... 415 V) 1600 A<br>(500 V) 1600 A<br>(690 V) 1600 A<br>(1000 V) 1600 A |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 1600 A<br>(500 V) 1600 A<br>(690 V) 1600 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A |
| Rated Operational Power AC-23A ($P_e$) | (400 ... 415 V) 710 kW<br>(500 V) 900 kW<br>(690 V) 1200 kW |
| Conventional Free-air Thermal Current ($I_{th}$) | q = 40 °C 1600 A |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 1600 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) 92 kA |
| Rated Short-time Withstand Current ($I_{cw}$) | for 1 s 50 kA |
| Power Loss | at Rated Operating Conditions per Pole 48 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 at the End of the Switch<br>04 (Left Side) |
| 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 |
| Terminal Width | 50 mm |
| 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 | 1SCC301155D2704 |
| DNV GL Certificate | 1SCC301184D0203 |
| Environmental Information | 1SCC301149D0202 |
| Instructions and Manuals | 1SCC301047M0213 |
| RoHS Information | 1SCC301149D0203 |

## Container Information

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|---|---|
| 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 | 23.3 kg |
| Package Level 1 EAN | 6417019309385 |

## Classifications

| | |
|---|---|
| Object Classification Code | Q |
| ETIM 5 | EC000216 - Switch disconnector |
| ETIM 6 | EC000216 - Switch disconnector |
| ETIM 7 | EC000216 - Switch disconnector |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3661770 |

## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

