



## PRODUCT-DETAILS

**OT1600E03P****OT1600E03P SWITCH-DISCONNECTOR****General Information**

|                       |   |
|-----------------------|---|
| Extended Product Type | OT1600E03P  |
| Product ID            | 1SCA022860R6580   |
| EAN                   | 6417019309361   |
| Catalog Description   | OT1600E03P SWITCH-DISCONNECTOR  |
| Long Description      | 3-pole, front operated, base mounted switch-d disconnecter with black IP65 handle and shaft, terminal bolt kit included |

**Circular Value**

|                          |                 |
|--------------------------|-----------------|
| End of Life Instructions | 1SCC301120M0201 |
|--------------------------|-----------------|

**Eco Transparency**

|   |                 |
|---|-----------------|
| Environmental Product Declaration - EPD | 1SCC301300D0201 |
|---|-----------------|

## Environmental

|                           |                 |
|---------------------------|-----------------|
| Environmental Information | 1SCC301233D0201 |
|---------------------------|-----------------|

## Material Compliance

|   |  |
|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| REACH Declaration                           | 1SCC011021D0201  |
| RoHS Information                            | 1SCC011020D0201  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA         | 1SCC011025D0201  |

## 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                     | 1SCC301502F0001<br>1SCC301501F0001<br>OT1600E03.igs |
| Environmental Product Declaration - EPD | 1SCC301300D0201                                     |
| End of Life Instructions                | 1SCC301120M0201                                     |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 334.5 mm |
| Product Net Height         | 372 mm   |
| Product Net Depth / Length | 167 mm   |
| Product Net Weight         | 17.6 kg  |

## Technical

|  |  |
|--|--|
| Rated Operational Current AC-21A (I <sub>e</sub> ) | (380 ... 415 V) 1600 A<br>(500 V) 1600 A<br>(690 V) 1600 A |
| Rated Operational Current AC-22A (I <sub>e</sub> ) | (380 ... 415 V) 1600 A<br>(500 V) 1600 A<br>(690 V) 1600 A |
| Rated Operational Current AC-23A (I <sub>e</sub> ) | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A |
| Rated Operational Power AC-23A (P <sub>e</sub> )   | (400 ... 415 V) 710 kW<br>(500 V) 900 kW                   |

|   |   |
|---|---|
|   | (690 V) 1200 kW   |
| Conventional Free-air Thermal Current ( $I_{th}$ )          | $\Theta = 40\text{ °C}$ 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) 110 kA  |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | for 1 s 50 kA   |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )        | (1250 A fuse, 415 V) 80 kA<br>(1250 A fuse, 500 V) 100 kA |
| Power Loss  | at Rated Operating Conditions per Pole 48 W               |
| Pollution Degree  | 3   |
| Handle Color  | Black   |
| Handle Type   | Handle and shaft included                                 |
| Switches Operating Mechanism                                | Mechanism at the End of the Switch<br>03 (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   | 3   |
| 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   |

## Technical UL/CSA

|                   |                                |
|-------------------|--------------------------------|
| Tightening Torque | acc. IEC 60947-1 50 ... 75 N·m |
|-------------------|--------------------------------|

## Certificates and Declarations

|                                |                         |
|--------------------------------|-------------------------|
| A2L Certificate – IEC          | 1SCC301338D0201         |
| ATEX Certificate               | No certification needed |
| Declaration of Conformity - CE | 1SCC301155D2704         |
| DNV GL Certificate             | 1SCC301184D0203         |
| UL Certificate                 | No certification needed |
| VDE Certificate                | No certification needed |

### 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   | 18.8 kg       |
| Package Level 1 EAN            | 6417019309361 |

### Classifications

|                                    |  |
|------------------------------------|--|
| Object Classification Code         | Q  |
| ETIM 8                             | EC000216 - Switch disconnecter                             |
| ETIM 9                             | EC000216 - Switch disconnecter (low voltage)               |
| UNSPSC                             | 39122233   |
| IDEA Granular Category Code (IGCC) | 5290 >> Disconnect switch                                  |
| eClass                             | V11.1 : 27371403   |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland)                 | 3661758  |
| E-Number (Sweden)                  | 3171256  |

### Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

