

PRODUCT-DETAILS

# OT1200U03

## OT1200U03 SWITCH-DISCONNECTOR



### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | OT1200U03   |
| Product ID            | 1SCA022860R6820   |
| EAN                   | 6417019309392   |
| Catalog Description   | OT1200U03 SWITCH-DISCONNECTOR   |
| Long Description      | 3-pole, front operated, base mounted non-fusible disconnect switch, 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          | 1SCC301047M0213                                     |
| Mechanical Drawings               | 1SCC301502F0001<br>1SCC301501F0001<br>OT1600E03.igs |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 334.5 mm |
| Product Net Height         | 372 mm   |
| Product Net Depth / Length | 145.5 mm |
| Product Net Weight         | 17.2 kg  |

## Technical

|   |   |
|---|---|
| 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 ( $P_e$ )                    | (380 ... 415 V) 710 kW<br>(500 V) 900 kW<br>(690 V) 1200 kW                           |
| 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   |
| Power Loss  | at Rated Operating Conditions per Pole 48 W   |
| Pollution Degree  | 3   |
| Handle Type   | Handle and shaft not included<br>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 / UL 98 / CSA C22.2 NO.4  |
| 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 56.5 N·m   |
| Mechanical Durability                                       | 6000  |
| Lock Type   | No  |

## Technical UL/CSA

|                                  |           |
|----------------------------------|-----------|
| Maximum Operating Voltage UL/CSA | 600 V     |
| Ampere Rating UL/CSA             | 1200 A    |
| Tightening Torque UL/CSA         | 500 in·lb |

## Environmental

|                           |                                   |
|---------------------------|-----------------------------------|
| RoHS Status               | Following EU Directive 2011/65/EU |
| Environmental Information | 1SCC301233D0201                   |

### Certificates and Declarations (Document Number)

|                                |                              |
|--------------------------------|------------------------------|
| Declaration of Conformity - CE | 1SCC301155D2704              |
| Environmental Information      | 1SCC301233D0201              |
| Instructions and Manuals       | 1SCC301047M0213              |
| RoHS Information               | 1SCC301155D2704              |
| UL Certificate                 | cULus certificate OT800-1200 |

### 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   | 18.5 kg       |
| Package Level 1 EAN            | 6417019309392 |

### Classifications

|                            |  |
|----------------------------|--|
| Object Classification Code | Q  |
| ETIM 5                     | EC000216 - Switch disconnecter                             |
| ETIM 6                     | EC000216 - Switch disconnecter                             |
| ETIM 7                     | EC000216 - Switch disconnecter                             |
| ETIM 8                     | EC000216 - Switch disconnecter                             |
| UNSPSC                     | 39122233   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

### Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

