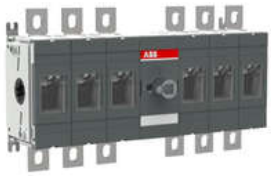
PRODUCT-DETAILS

# OT400E33

## OT400E33 SWITCH-DISCONNECTOR



### General Information

| | |
|---|---|
| Extended Product Type | OT400E33 |
| Product ID | 1SCA103598R1001 |
| EAN | 6417019380018 |
| Catalog Description | OT400E33 SWITCH-DISCONNECTOR |
| Long Description | 6-pole, front operated, base mounted switch-diconnector, handle and shaft are not included, terminal bolt kit included |

### ABB EcoSolutions

| | |
|---|---|
| End Of Life Disassembling Instructions | 1SCC301118M0201 |
| Environmental Information | 1SCC301266D0201 |
| Environmental Product Declaration - EPD | 1SCC301283D0201 |

© 2025 ABB. All rights reserved.

## Material Compliance

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

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC301020C0201 |
| Instructions and Manuals | 1SCC301035M0019 |
| Environmental Product Declaration - EPD | 1SCC301283D0201 |

## Environmental

| | |
|---|---|
| Degree of Protection | Front IP00 |
| Environmental Information | 1SCC301266D0201 |
| Pollution Degree | 3 |

## Ordering

| | |
|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85365080 |
| Country or Territory of Origin | Finland |

## Dimensions

| | |
|---|---|
| Product Net Width | 328 mm |
| Product Net Height | 185 mm |
| Product Net Depth / Length | 107 mm |
| Product Net Weight | 4.9 kg<br>10.7 lb |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 310 mm<br>12.2 in |
| Package Level 1 Depth / Length | 410 mm<br>16.1 in |
| Package Level 1 Height | 200 mm<br>7.9 in |
| Package Level 1 Gross Weight | 5.4 kg<br>11.9 lb |
| Package Level 1 EAN | 6417019380018 |

© 2025 ABB. All rights reserved.

## Technical

| | |
|---|---|
| Conventional Free-air Thermal Current ($I_{th}$) | Θ = 40 °C 400 A |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 400 A |
| Degree of Protection | Front IP00 |
| Distance Between Phases | Standard |
| Handle Type | Handle and shaft not included |
| Mechanical Durability | 16000 |
| Mounting Type | Base mounting |
| Number of Poles | 6P |
| Operating Mode | Front |
| Pollution Degree | 3 |
| Position of Line Terminals | Top In - Bottom Out<br>Bottom In - Top Out |
| Power Loss | at Rated Operating Conditions per Pole 10 W |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 12 kV |
| Rated Insulation Voltage ($U_i$) | acc. to IEC/EN 60664-1 1000 V |
| Rated Operational Current AC-21A ($I_e$) | (380 ... 415 V) 400 A<br>(500 V) 400 A<br>(690 V) 400 A<br>(1000 V) 400 A |
| Rated Operational Current DC-21B ($I_e$) | (1000 V) 400 A |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity ($I_{cm}$) | (690 V) 65 kA |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 15 kA |
| Special Functions | No |
| Standards | IEC 60947-3 |
| Switches Operating Mechanism | Mechanism Between the Poles<br>33 (Between the Poles) |
| Terminal Type | Lug terminals |
| Tightening Torque | acc. IEC 60947-1 30 … 44 N·m |

## Technical UL/CSA

| | |
|---|---|
| Tightening Torque | acc. IEC 60947-1 30 … 44 N·m |

## Certificates and Declarations

| | |
|---|---|
| A2L Certificate – IEC | 1SCC301337D0201 |
| Declaration of Conformity - CE | 1SCC301165D2702 |
| DNV GL Certificate | 1SCC301174D0204 |

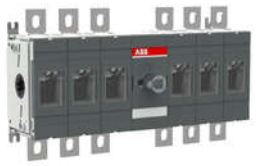
© 2025 ABB. All rights reserved.

## External Classifications and Standards

| | |
|---|---|
| Object Classification Code | Q |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| ETIM 10 | EC000216 - Switch disconnector (AC) |
| 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) |

## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



© 2025 ABB. All rights reserved.