PRODUCT-DETAILS

# OT800U04

# OT800U04 SWITCH-DISCONNECTOR



## General Information

| | |
|---|---|
| Extended Product Type | OT800U04 |
| Product ID | 1SCA105636R1001 |
| EAN | 6417019395593 |
| Catalog Description | OT800U04 SWITCH-DISCONNECTOR |
| Long Description | 4-pole, front operated, base mounted non-fusible diconnect switch, handle and shaft are not included, terminal bolt kit included |

## ABB EcoSolutions

| | |
|---|---|
| End Of Life Disassembling Instructions | 1SCC301120M0201 |
| Environmental Information | 1SCC301233D0201 |
| Environmental Product Declaration - EPD | 1SCC301300D0201 |

## Material Compliance

| | |
|---|---|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |

© 2025 ABB. All rights reserved.

| | |
|---|---|
| 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 | 1SCC301047M0213 |
| Mechanical Drawings | 1SCC301935F0001<br>1SCC301934F0001<br>OT800-1200U04.stp<br>OT1600E04.igs |
| Environmental Product Declaration - EPD | 1SCC301300D0201 |

## Environmental

| | |
|---|---|
| Degree of Protection | Front IP00 |
| Environmental Information | 1SCC301233D0201 |
| Pollution Degree | 3 |

## Ordering

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

## Dimensions

| | |
|---|---|
| Product Net Width | 414.5 mm |
| Product Net Height | 372 mm |
| Product Net Depth / Length | 151.5 mm |
| Product Net Weight | 22.2 kg |

## 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 | 23.2 kg |
| Package Level 1 EAN | 6417019395593 |

## Technical

| | |
|---|---|
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 800 A |
| Degree of Protection | Front IP00 |
| Distance Between Phases | Standard |
| Fourth Pole Position | Right Side |

© 2025 ABB. All rights reserved.

| | |
|---|---|
| Fourth Pole Type | Switched - Simultaneous Function |
| Handle Type | Handle and shaft not included |
| Mechanical Durability | 6000 |
| Mounting Type | Base mounting |
| Number of Poles | 4P |
| 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 29 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-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 Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity ($I_{cm}$) | (690 V) 92 kA |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 50 kA |
| Special Functions | No |
| Standards | IEC 60947-3 / UL 98 / CSA C22.2 NO.4 |
| Switches Operating Mechanism | Mechanism at the End of the Switch<br>04 (Left Side) |
| Terminal Type | Lug terminals |
| Tightening Torque | acc. IEC 60947-1 56.5 N·m |

## Technical UL/CSA

| | |
|---|---|
| Maximum Operating Voltage UL/CSA | 600 V |
| Ampere Rating | 800 A |
| Horsepower Rating UL/CSA | (acc. to UL 240 V) 250 Hp<br>(acc. to UL 480 V) 500 Hp<br>(acc. to UL 600 V) 500 Hp |
| Tightening Torque | acc. IEC 60947-1 56.5 N·m |
| Tightening Torque UL/CSA | 500 in·lb |

## Certificates and Declarations

| | |
|---|---|
| ATEX Certificate | No certification needed |
| Declaration of Conformity - CE | 1SCC301155D2704 |
| UL Certificate | cULus certificate OT800-1200 |
| VDE Certificate | No certification needed |

## External Classifications and Standards

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

© 2025 ABB. All rights reserved.

| | |
|---|---|
| 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.