PRODUCT-DETAILS

# OT200U03P

## OT200U03P SWITCH-DISCONNECTOR



### General Information

| | |
|---|---|
| Extended Product Type | OT200U03P |
| Product ID | 1SCA022709R9920 |
| EAN | 6417019225920 |
| Catalog Description | OT200U03P SWITCH-DISCONNECTOR |
| Long Description | Including handle: NEMA 1, 3R, 12, IP65 and shaft |

### ABB EcoSolutions

| | |
|---|---|
| End of Life Instructions | 1SCC301117M0201 |
| Environmental Information | 1SCC301265D0201 |
| Environmental Product Declaration - EPD | 1SCC301282D0201 |

### Material Compliance

| | |
|---|---|
| Conflict Minerals Reporting Template | 9AKK108467A5658 |

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| | |
|---|---|
| (CMRT) | |
| REACH Declaration | 1SCC011021D0201 |
| RoHS Information | 1SCC011020D0201 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| SCIP | c48b7e8f-ee4a-4af1-a5f4-471646a1efd5 Finland (FI) |
| Simplified SCIP | 46fe5751-1023-493a-82ce-965b99a47208 Germany (DE)<br>5425f531-05a1-4679-b0d9-41e38c629813 Poland (PL)<br>4617fdda-87e8-4366-a0c1-797c614495d4 Belgium (BE)<br>c5be3584-0e5d-4885-a056-8b9ac5018108 Belgium (BE)<br>e3cee81a-fce3-42e3-a132-06e0ad0ee69d Portugal (PT)<br>922476d1-7312-4dd8-9607-9c9ac6e56a88 Greece (GR)<br>67ee7a69-a51d-4611-8a42-c093e07d7dad Netherlands (NL)<br>d27bd255-7129-4e16-b42a-1a27488cbe14 Spain (ES)<br>ff199b5c-2223-4ce5-9f30-d8f9c2b1c885 Poland (PL)<br>c8926243-37d8-4fef-8c02-5ffe86a000c6 France (FR)<br>6218f309-96ca-4a83-b134-23112eeb8e59 Denmark (DK)<br>758be8d4-972f-404f-a50f-7a7e170a1fb8 Germany (DE)<br>8edbd078-0f7e-4393-a28f-5c920f36802f France (FR)<br>86eed0d4-35d6-46ae-b5b4-8767cc19df19 Hungary (HU)<br>a13f0d8e-92a7-4c9a-ae81-f2e1f9ecaf5d Sweden (SE)<br>4d6e83da-1e7b-45a2-8bf1-861c2dae9c7a Germany (DE)<br>5d8581ce-164c-4fae-9a70-b3619e0c0af1 Sweden (SE)<br>67015a32-3dc8-40b2-98cc-1a8d33ad1348 Germany (DE)<br>df6a5de5-8337-4aeb-9445-3d151308501d Italy (IT)<br>fd81bed9-13b5-4a47-b811-18e8d07ed264 Czech Republic (CZ)<br>6bf685db-1e3a-4107-b400-f1a7e3639098 Hungary (HU)<br>a2a561f8-6c84-4758-8629-c2ee7e3e3ee0 Estonia (EE)<br>07582f2e-4c16-4fd2-9c28-c9d9cec194cb Croatia (HR)<br>8b146e65-9779-4493-9d08-5e87fdbf4857 Norway (NO)<br>c099bd63-6bd9-46a8-bd1b-d8c07366627f Germany (DE)<br>e7c85542-c51e-4868-bef7-0a7f622b2fee Bulgaria (BG)<br>affc8bae-7ebc-4825-99bb-77a80cc58c16 Poland (PL) |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC301020C0201 |
| Instructions and Manuals | 1SCC301031M0220 |
| Mechanical Drawings | 1SCC301387F0001<br>1SCC301204F0001<br>OT200U03.igs |
| Environmental Product Declaration - EPD | 1SCC301282D0201 |
| End of Life Instructions | 1SCC301117M0201 |

## Environmental

| | |
|---|---|
| Degree of Protection | Front IP00 |
| Environmental Information | 1SCC301265D0201 |
| Pollution Degree | 3 |

## Ordering

| | |
|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85365080 |
| Country of Origin | Finland (FI) |

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## Dimensions

| | |
|---|---|
| Product Net Width | 169.5 mm |
| Product Net Height | 170 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight | 1.6 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 190 mm<br>7.5 in |
| Package Level 1 Depth / Length | 290 mm<br>11.4 in |
| Package Level 1 Height | 110 mm<br>4.3 in |
| Package Level 1 Gross Weight | 1.8 kg<br>3.9 lb |
| Package Level 1 EAN | 6417019225920 |

## Technical

| | |
|---|---|
| Conventional Free-air Thermal Current ($I_{th}$) | Θ = 40 °C 200 A |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 200 A |
| Degree of Protection | Front IP00 |
| Distance Between Phases | Standard |
| Handle Color | Black |
| Handle Type | Handle and shaft included |
| Lock Type | Yes |
| Mechanical Durability | 20000 |
| Mounting Type | Base mounting |
| Number of Poles | 3P |
| Operating Mode | Front operated |
| Pollution Degree | 3 |
| Position of Line Terminals | Top In - Bottom Out<br>Bottom In - Top Out |
| Power Loss | at Rated Operating Conditions per Pole 6.5 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 ($I_e$) | (690 V) 200 A<br>(500 V) 200 A<br>(380 ... 415 V) 200 A |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A |
| Rated Operational Power AC-23A ($P_e$) | (380 ... 415 V) 110 kW<br>(500 V) 132 kW |

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| | |
|---|---|
| | (690 V) 200 kW |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity ($I_{cm}$) | (690 V) 30 kA |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 8 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>03 (Left Side) |
| Terminal Type | Lug terminals |
| Terminal Width | 20 mm |
| Tightening Torque | acc. IEC 60947-1 22.6 N·m |

## Technical UL/CSA

| | |
|---|---|
| Maximum Operating Voltage UL/CSA | 600 V |
| Ampere Rating | 200 A |
| Horsepower Rating UL/CSA | (acc. to UL 200 V) 60 Hp<br>(acc. to UL 208 V) 60 Hp<br>(acc. to UL 240 V) 75 Hp<br>(acc. to UL 480 V) 150 Hp<br>(acc. to UL 600 V) 200 Hp |
| Tightening Torque | acc. IEC 60947-1 22.6 N·m |

## Certificates and Declarations

| | |
|---|---|
| BV Certificate | 1SCC301103D0201 |
| Declaration of Conformity - CE | 1SCC301131D2705 |
| GL Certificate | 1SCC301139D0201 |
| LR Certificate | 1SCC301144D0201 |
| UL Certificate | cULus certificate OT200-400 |

## Classifications

| | |
|---|---|
| Object Classification Code | Q |
| ETIM 8 | EC000216 - Switch disconnector |
| ETIM 9 | EC000216 - Switch disconnector (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) | 3660850 |

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## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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