PRODUCT-DETAILS

# OT200E22WP

## OT200E22WP SWITCH-DISCONNECTOR



### General Information

| | |
|---|---|
| Extended Product Type | OT200E22WP |
| Product ID | 1SCA022744R3300 |
| EAN | 6417019241395 |
| Catalog Description | OT200E22WP SWITCH-DISCONNECTOR |
| Long Description | 4-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, wide phase distance, terminal bolt kit included |

### ABB EcoSolutions

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

### Material Compliance

| | |
|---|---|
| Conflict Minerals | 9AKK108467A5658 |

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| | |
|---|---|
| Reporting Template (CMRT) | |
| REACH Declaration | 1SCC011021D0201 |
| RoHS Information | 1SCC011020D0201 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| SCIP | 3730119c-4d9b-4114-a6ed-d984e2a688c3 Finland (FI) |
| Simplified SCIP | 8898763a-ee0c-440c-b871-efb3b0a1e2d0 Germany (DE)<br>d58b0a5e-1c81-4e45-aa27-06306b87b64e Portugal (PT)<br>8a4949f1-f170-4966-9494-9f44ebd87513 Poland (PL)<br>0e79b20b-4d3f-4c68-a267-5408a0a7b4aa Croatia (HR)<br>933a9138-025a-4a86-a1ef-34d698e19333 Germany (DE)<br>7be3265b-fe00-487c-9453-5960b7c079b8 Belgium (BE)<br>c5fdaef4-b50d-4388-9628-9c907e1ef65f Denmark (DK)<br>5ed668b7-9a61-43f3-8cf8-6faa40939e25 Germany (DE)<br>19f0a1e4-54c0-449a-876d-19f80b9ac85a Sweden (SE)<br>fae1f70c-ce09-4f3b-83be-065db6269153 Bulgaria (BG)<br>2f289856-daa5-4187-9f5c-6773bd6c068f Hungary (HU)<br>d21e0cb5-040a-4f9d-9183-fcf7a2245c87 Germany (DE)<br>23c201d8-e73f-4e9a-b7bd-bd25054ccb4a France (FR)<br>6b52e89e-1ff1-4216-8311-4910f608014f Italy (IT)<br>53e7b861-47e5-4f0b-ae73-8ae722668507 France (FR)<br>932e74b6-0fdd-4b6a-a3f4-8819f06ffd0d Hungary (HU)<br>2502610e-959d-475c-a8c7-57447ce2e153 Estonia (EE)<br>bd6c7858-a381-4494-a4bd-681842feb1d3 Netherlands (NL)<br>f0854ee9-f59f-4db7-9785-efc1e77e9e43 Sweden (SE)<br>024237bb-d75f-4b72-af2d-669bb146bbce Germany (DE)<br>aa70cccb-7d66-4115-8b0d-934e7b575611 Spain (ES)<br>75686dac-3894-4f8d-b63b-c1dac6ad8298 Belgium (BE)<br>675a8151-663f-45a3-9cf8-588bbdf6d0e8 Norway (NO)<br>40463db5-b928-4ed3-af0b-2a78ed525e46 Poland (PL)<br>892d6fe7-e3df-454e-b56c-5b49ed1cb65a Greece (GR)<br>0b8de3d5-0b5c-457c-830d-f2852d4cb934 Czech Republic (CZ)<br>f12ac7de-bec3-4a88-ba90-7fca5b127f69 Poland (PL) |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC301020C0201 |
| Instructions and Manuals | 1SCC301031M0220 |
| Mechanical Drawings | 1SCC301296F0001<br>1SCC301295F0001<br>OT200-250E22W.stp<br>OT200-250E22W.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 |

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| | |
|---|---|
| Country of Origin | Finland (FI) |

## Dimensions

| | |
|---|---|
| Product Net Width | 217.5 mm |
| Product Net Height | 170 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight | 2.3 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 | 2.4 kg<br>5.3 lb |
| Package Level 1 EAN | 6417019241395 |

## 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 | Wide phase distance |
| Fourth Pole Position | Right Side |
| Fourth Pole Type | Switched - Simultaneous Function |
| Handle Color | Black |
| Handle Type | Handle and shaft included |
| Lock Type | Yes |
| Mechanical Durability | 20000 |
| Mounting Type | Base mounting |
| Number of Poles | 4P |
| 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 4.0 W |
| Rated Conditional Short-Circuit Current ($I_{nc}$) | (315 A fuse, 500 V) 100 kA<br>(355 A fuse, 690 V) 80 kA<br>(250 A fuse, 690 V) 100 kA |
| 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) 200 A<br>(500 V) 200 A<br>(690 V) 200 A |

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| | |
|---|---|
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 200 A<br>(500 V) 200 A<br>(690 V) 200 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 200 A<br>(500 V) 200 A<br>(690 V) 200 A |
| Rated Operational Power AC-23A ($P_e$) | (220 ... 240 V) 60 kW<br>(400 ... 415 V) 110 kW<br>(500 V) 132 kW<br>(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 | Wide phase distance |
| Standards | IEC 60947-3 |
| Switches Operating Mechanism | Mechanism Between the Poles<br>22 (Between the Poles) |
| Terminal Type | Lug terminals |
| Terminal Width | 20 mm |
| Tightening Torque | acc. IEC 60947-1 15 … 22 N·m |

## Technical UL/CSA

| | |
|---|---|
| Tightening Torque | acc. IEC 60947-1 15 … 22 N·m |

## Certificates and Declarations

| | |
|---|---|
| A2L Certificate – IEC | 1SCC301337D0201 |
| ATEX Certificate | No certification needed |
| BV Certificate | 1SCC301103D0201 |
| Declaration of Conformity - CE | 1SCC301131D2705 |
| DNV GL Certificate | 1SCC301174D0204 |
| GL Certificate | 1SCC301139D0201 |
| LR Certificate | 1SCC301144D0201 |
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |

## Classifications

| | |
|---|---|
| Object Classification Code | Q |
| ETIM 8 | EC000216 - Switch disconnector |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| eClass | V11.1 : 27371403 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3661324 |
| E-Number (Norway) | 4337883 |

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## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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