PRODUCT-DETAILS

# OT200E12WP

# OT200E12WP SWITCH-DISCONNECTOR



## General Information

| | |
|---|---|
| Extended Product Type | OT200E12WP |
| Product ID | 1SCA022744R2910 |
| EAN | 6417019241357 |
| Catalog Description | OT200E12WP SWITCH-DISCONNECTOR |
| Long Description | 3-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 Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 1SCC011021D0201 |

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|---|---|
| RoHS Information | 1SCC011020D0201 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| SCIP | 2b43c2ae-44f4-4db7-89b3-fb89dc9fdf31 Finland (FI) |
| Simplified SCIP | 2c95ac91-5a1b-47fd-b9de-f8c4bec41f5c Germany (DE)<br>9774127b-77c1-4ced-8e97-6be1cf464dd3 Spain (ES)<br>be42ddf0-3d8a-4326-b20a-3a4185827b9c Norway (NO)<br>3907eb31-2600-45d5-bbfe-a2a99272e0d2 Belgium (BE)<br>0886faf6-32c9-48e3-baea-23de7eab7338 Sweden (SE)<br>b94773fa-4b5f-419b-9aa3-bace7876f257 Germany (DE)<br>2204f280-07f3-4841-9671-c097dee606e4 Portugal (PT)<br>a8190387-c6d7-4fdf-9b32-f540375f1908 Greece (GR)<br>b3d903a3-ba2d-4927-8d8b-1d8af775ea29 Bulgaria (BG)<br>2df08c65-e133-412f-be1c-10816e90ee83 France (FR)<br>d9198895-77e2-4c8e-947e-307e978c5c38 Germany (DE)<br>e36d682c-f5ad-47c1-a86c-d87adca4ccba Czech Republic (CZ)<br>11fb165b-0dfe-4b9d-ba5f-7d869477695d Croatia (HR)<br>a94c2c88-189d-49c7-b48a-79a27b42bce3 Germany (DE)<br>60289eaf-cca2-4a74-a4f2-0c8e12f9103e Poland (PL)<br>4d25a178-a70c-4328-aafe-d8baea245a20 Germany (DE)<br>cf7fc570-21f1-452b-ad11-25139f5b0c01 Belgium (BE)<br>12d631ef-4d26-4280-b9d5-6b7924703853 Italy (IT)<br>49bbde59-ecd0-400c-913f-db4c5b6b6610 Estonia (EE)<br>a2b7cb5a-da2e-430a-a58e-756ffe43071c France (FR)<br>60c2da41-fcb8-4cc4-b3de-a4f98df5ae64 Poland (PL)<br>cd9b799f-a643-4bd5-8a5f-2c5d08e64e01 Hungary (HU)<br>a9b1c2fa-d790-4cbb-93db-1dd2d9ece677 Hungary (HU)<br>13a6e0ed-3362-4196-8728-0f90017a619c Netherlands (NL)<br>c8ae9d02-c800-4b39-91f6-52c0f79907e5 Denmark (DK)<br>b61f9d6b-b265-4905-8fca-454c07f5820b Poland (PL)<br>4b5e0be2-d8ef-46d2-beb2-05d332ac7e20 Sweden (SE) |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC301020C0201 |
| Instructions and Manuals | 1SCC301031M0220 |
| Mechanical Drawings | 1SCC301294F0001<br>1SCC301293F0001 |
| 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) |

## Dimensions

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|---|---|
| Product Net Width | 174.5 mm |
| Product Net Height | 170 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight | 1.5 kg |

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## 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 | 1.7 kg<br>3.7 lb |
| Package Level 1 EAN | 6417019241357 |

## 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 |
| 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 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 |
| 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>12 (Between the Poles) |
| Terminal Type | Lug terminals |
| Terminal Width | 20 mm |

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|---|---|
| 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) |
| 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) | 3661322 |
| E-Number (Norway) | 4337882 |

## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

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