



PRODUCT-DETAILS

# OT200E03P

## OT200E03P SWITCH-DISCONNECTOR



| General Information   |                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT200E03P                                                                                                            |
| Product ID            | 1SCA022712R0800                                                                                                      |
| EAN                   | 6417019227740                                                                                                        |
| Catalog Description   | OT200E03P SWITCH-DISCONNECTOR                                                                                        |
| Long Description      | 3-pole, front operated, base mounted switch-diconductor with black IP65 handle and shaft, terminal bolt kit included |

| ABB EcoSolutions                        |                 |
|-----------------------------------------|-----------------|
| End Of Life Disassembling Instructions  | 1SCC301117M0201 |
| Environmental Information               | 1SCC301265D0201 |
| Environmental Product Declaration - EPD | 1SCC301282D0201 |

| Material Compliance                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| REACH Declaration                           | 1SCC011021D0201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RoHS Information                            | 1SCC011020D0201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SCIP                                        | e76f6a16-d3db-4570-b154-2da087b79f14 Finland (FI)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Simplified SCIP                             | 21647494-bad3-44fc-b28f-28a02a60ef4c Germany (DE)<br>94aeb75b-4caa-4f34-8224-4d6a48b1226f Germany (DE)<br>97494682-ae73-4bb9-b7ae-2e0990779580 Bulgaria (BG)<br>4c3d3f64-8002-4976-a6de-4550bd2c2564 Greece (GR)<br>6b742a29-c37c-496a-930e-317c82a5c5d8 Portugal (PT)<br>c10f5ab2-c439-4669-8dab-744cb3a23205 Germany (DE)<br>f57caf15-67a4-4cc2-8c5d-7967ecb0177a France (FR)<br>c3f15763-5f9a-464d-9694-91fa9be87427 Poland (PL)<br>e0bc9149-62f4-4022-be24-a9e86b72022a Czech Republic (CZ)<br>56977ec8-982b-4f66-a84b-7de170b6a034 Germany (DE)<br>056d4b8f-e30c-4b9d-8534-280d62839f15 Germany (DE)<br>02f076c8-db55-493b-9184-e154ddffdfdb Croatia (HR)<br>0f723643-fc51-421e-a175-f92295bb823d Estonia (EE)<br>f8d3b8dd-7eae-4abf-a8d0-3b430aecd50d Italy (IT)<br>89e7cc8b-1209-4fa6-8dbe-3b527e58b909 Belgium (BE)<br>93905029-08c6-4b24-937d-246faec429fd Poland (PL)<br>571453b7-c23a-41d8-94be-77ec02f481ec France (FR)<br>a5f8d387-06ad-490c-9dbc-114f2de16586 Sweden (SE)<br>b7c5adba-0f0c-48c1-9b48-c06d54558de4 Hungary (HU)<br>833d5ec1-a03f-4ce2-bcee-ff2dc6af1afe Netherlands (NL)<br>64aad036-2b38-4bcc-9e0b-4060eb198609 Hungary (HU)<br>8e699c60-4e74-49ce-be85-337ebedd8b5a Denmark (DK)<br>fef3dd11-c86a-4473-aac9-51d7bd1d63e1 Poland (PL)<br>cf1bfaa8-c414-4242-b16e-c7483123eb29 Sweden (SE)<br>640a2dcb-b8c8-470f-97a4-a5a39fa70542 Spain (ES)<br>46a1e8ad-e298-4ae5-beb5-f6626dc83b6a Belgium (BE)<br>b2517ca7-cc75-4371-a0c8-623835199d68 Norway (NO) |
| Toxic Substances Control Act - TSCA         | 1SCC011025D0201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Popular Downloads                       |                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------|
| Data Sheet, Technical Information       | 1SCC301020C0201                                                            |
| Instructions and Manuals                | 1SCC301031M0220                                                            |
| Mechanical Drawings                     | 1SCC307633F0001<br>1SCC307632F0001<br>OT200-250E03.stp<br>OT200-250E03.igs |
| Environmental Product Declaration - EPD | 1SCC301282D0201                                                            |

| 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

|                            |          |
|----------------------------|----------|
| Product Net Width          | 145.5 mm |
| Product Net Height         | 150 mm   |
| Product Net Depth / Length | 82.5 mm  |
| Product Net Weight         | 1.5 kg   |

## Container Information

|                                |                  |
|--------------------------------|------------------|
| Package Level 1 Units          | box 1 piece      |
| Package Level 1 Width          | 170 mm<br>6.7 in |
| Package Level 1 Depth / Length | 190 mm<br>7.5 in |
| Package Level 1 Height         | 145 mm<br>5.7 in |
| Package Level 1 Gross Weight   | 1.6 kg<br>3.6 lb |
| Package Level 1 EAN            | 6417019227740    |

## Technical

|                                                      |                                                                                       |
|------------------------------------------------------|---------------------------------------------------------------------------------------|
| Conventional Free-air Thermal Current ( $I_{th}$ )   | $\Theta = 40\text{ °C}$ 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 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                                                |

|                                                             |                                                                                     |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                             | (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                                           | No                                                                                  |
| Standards                                                   | IEC 60947-3                                                                         |
| 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 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 |

## External Classifications and Standards

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Object Classification Code | Q                                                          |
| ETIM 8                     | EC000216 - Switch disconnecter                             |
| ETIM 9                     | EC000216 - Switch disconnecter (low voltage)               |
| eClass                     | V11.1 : 27371403                                           |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland)         | 3661302                                                    |
| E-Number (Norway)          | 4337850                                                    |
| E-Number (Sweden)          | 3171156                                                    |

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

