



PRODUCT-DETAILS

# OT200E30

## OT200E30 SWITCH-DISCONNECTOR



| General Information   |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT200E30                                                                                                               |
| Product ID            | 1SCA022720R0150                                                                                                        |
| EAN                   | 6417019231280                                                                                                          |
| Catalog Description   | OT200E30 SWITCH-DISCONNECTOR                                                                                           |
| Long Description      | 3-pole, front operated, base mounted switch-diconductor, handle and shaft are not included, 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 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                | 1SCC301031M0220 |
| 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 or Territory of Origin | Finland  |

| Dimensions                 |          |
|----------------------------|----------|
| Product Net Width          | 145.5 mm |
| Product Net Height         | 150 mm   |
| Product Net Depth / Length | 82.5 mm  |
| Product Net Weight         | 1.3 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   | 1.4 kg<br>3.2 lb |
| Package Level 1 EAN            | 6417019231280    |

## 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 Type                                                 | Handle and shaft included                                                           |
| Mechanical Durability                                       | 20000                                                                               |
| Mounting Type                                               | Base mounting                                                                       |
| Number of Poles                                             | 3P                                                                                  |
| 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 4.0 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 ( $I_e$ )                  | (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                                           | No                                                                                  |
| Standards                                                   | IEC 60947-3                                                                         |
| Switches Operating Mechanism                                | Mechanism at the End of the Switch<br>30 (Right Side)                               |
| Terminal Type                                               | Lug terminals                                                                       |
| 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 |
|-----------------------|-----------------|

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of<br>Conformity - CE | 1SCC301131D2705 |
| DNV GL Certificate                | 1SCC301174D0204 |

External Classifications and Standards

|                               |                                                            |
|-------------------------------|------------------------------------------------------------|
| Object Classification<br>Code | Q                                                          |
| ETIM 9                        | EC000216 - Switch disconnecter (low voltage)               |
| ETIM 10                       | EC000216 - Switch disconnecter (AC)                        |
| UNSPSC                        | 39122233                                                   |
| 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

