



PRODUCT-DETAILS

# OT200ES04

## OT200ES04 SWITCH-DISCONNECTOR



| General Information   |                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT200ES04                                                                                                                |
| Product ID            | 1SCA022860R0540                                                                                                          |
| EAN                   | 6417019308753                                                                                                            |
| Catalog Description   | OT200ES04 SWITCH-DISCONNECTOR                                                                                            |
| Long Description      | 4-pole, side operated, base mounted switch-d disconnecter, handle and shaft are not included, terminal bolt kit included |

| Circular Value                              |                 |
|---------------------------------------------|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| End of Life Instructions                    | 1SCC301117M0201 |
| Environmental Information                   | 1SCC301265D0201 |
| Environmental Product Declaration - EPD     | 1SCC301282D0201 |
| REACH Declaration                           | 1SCC011021D0201 |
| RoHS Information                            | 1SCC011020D0201 |

|                                        |                 |
|----------------------------------------|-----------------|
| Toxic Substances<br>Control Act - TSCA | 1SCC011025D0201 |
|----------------------------------------|-----------------|

Eco Transparency

|                                            |                 |
|--------------------------------------------|-----------------|
| Environmental Product<br>Declaration - EPD | 1SCC301282D0201 |
|--------------------------------------------|-----------------|

Ordering

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

Popular Downloads

|                                            |                                                     |
|--------------------------------------------|-----------------------------------------------------|
| Data Sheet, Technical<br>Information       | 1SCC301020C0201                                     |
| Instructions and<br>Manuals                | 1SCC301068M0204                                     |
| Mechanical Drawings                        | 1SCC301650F0001<br>1SCC301649F0001<br>OT200ES04.igs |
| Environmental Product<br>Declaration - EPD | 1SCC301282D0201                                     |
| End of Life Instructions                   | 1SCC301117M0201                                     |

Dimensions

|                               |          |
|-------------------------------|----------|
| Product Net Width             | 216.5 mm |
| Product Net Height            | 150 mm   |
| Product Net Depth /<br>Length | 82.5 mm  |
| Product Net Weight            | 1.9 kg   |

Technical

|                                                             |                                                                                     |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Rated Operational<br>Current AC-21A (I <sub>e</sub> )       | (380 ... 415 V) 200 A<br>(500 V) 200 A<br>(690 V) 200 A<br>(1000 V) 200 A           |
| Rated Operational<br>Current AC-22A (I <sub>e</sub> )       | (380 ... 415 V) 200 A<br>(500 V) 200 A<br>(690 V) 200 A                             |
| Rated Operational<br>Current AC-23A (I <sub>e</sub> )       | (380 ... 415 V) 200 A<br>(500 V) 200 A<br>(690 V) 200 A                             |
| Rated Operational Power<br>AC-23A (P <sub>e</sub> )         | (220 ... 240 V) 60 kW<br>(400 ... 415 V) 110 kW<br>(500 V) 132 kW<br>(690 V) 200 kW |
| Conventional Free-air<br>Thermal Current (I <sub>th</sub> ) | Θ = 40 °C 200 A                                                                     |
| Conventional Thermal<br>Current (I <sub>the</sub> )         | Fully Enclosed 200 A                                                                |
| Rated Impulse                                               | 12 kV                                                                               |

|                                                             |                                                                                       |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Withstand Voltage ( $U_{imp}$ )                             |                                                                                       |
| Rated Insulation Voltage ( $U_i$ )                          | acc. to IEC/EN 60664-1 1000 V                                                         |
| 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                                                                          |
| 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 |
| Power Loss                                                  | at Rated Operating Conditions per Pole 4.0 W                                          |
| Pollution Degree                                            | 3                                                                                     |
| Handle Type                                                 | Handle and shaft not included                                                         |
| Fourth Pole Position                                        | Right Side                                                                            |
| Fourth Pole Type                                            | Switched - Simultaneous Function                                                      |
| Switches Operating Mechanism                                | Mechanism at the End of the Switch<br>04 (Left Side)                                  |
| Distance Between Phases                                     | Standard                                                                              |
| Position of Line Terminals                                  | Top In - Bottom Out<br>Bottom In - Top Out                                            |
| Operating Mode                                              | Side operated                                                                         |
| Standards                                                   | IEC 60947-3                                                                           |
| Special Functions                                           | No                                                                                    |
| Mounting Type                                               | Base mounting                                                                         |
| Number of Poles                                             | 4                                                                                     |
| Degree of Protection                                        | Front IP00                                                                            |
| Terminal Type                                               | Lug terminals                                                                         |
| Tightening Torque                                           | acc. IEC 60947-1 15 ... 22 N·m                                                        |
| Mechanical Durability                                       | 20000                                                                                 |
| Lock Type                                                   | No                                                                                    |

**Technical UL/CSA**

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

**Environmental**

|                                     |                                                                        |
|-------------------------------------|------------------------------------------------------------------------|
| RoHS Status                         | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Environmental Information           | 1SCC301265D0201                                                        |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201                                                        |

**Certificates and Declarations**

|                                |                         |
|--------------------------------|-------------------------|
| ATEX Certificate               | No certification needed |
| Declaration of Conformity - CE | 1SCC301131D2705         |
| DNV GL Certificate             | 1SCC301174D0204         |
| REACH Declaration              | 1SCC011021D0201         |

|                 |                         |
|-----------------|-------------------------|
| UL Certificate  | No certification needed |
| VDE Certificate | No certification needed |

Container Information

|                                |                  |
|--------------------------------|------------------|
| Package Level 1 Units          | box 1 piece      |
| Package Level 1 Width          | 170 mm<br>6.7 in |
| Package Level 1 Depth / Length | 250 mm<br>9.8 in |
| Package Level 1 Height         | 155 mm<br>6.1 in |
| Package Level 1 Gross Weight   | 2.1 kg<br>4.6 lb |
| Package Level 1 EAN            | 6417019308753    |

Classifications

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| Object Classification Code         | Q                                                          |
| ETIM 7                             | EC000216 - Switch disconnecter                             |
| ETIM 8                             | EC000216 - Switch disconnecter                             |
| ETIM 9                             | EC000216 - Switch disconnecter (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)                 | 3661703                                                    |

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

