

PRODUCT-DETAILS

# OT250E22P

## OT250E22P SWITCH-DISCONNECTOR



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | OT250E22P  |
| Product ID            | 1SCA022721R4290  |
| EAN                   | 6417019231792  |
| Catalog Description   | OT250E22P SWITCH-DISCONNECTOR  |
| Long Description      | 4-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, terminal bolt kit included |

### Ordering

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

### Popular Downloads

|                                   |  |
|-----------------------------------|--|
| Data Sheet, Technical Information | 1SCC301020C0201  |
| Instructions and Manuals          | 1SCC301031M0220  |
| Mechanical Drawings               | 1SCC301232F0001<br>1SCC301231F0001<br>OT200-250E22.igs |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 185.5 mm |
| Product Net Height         | 150 mm   |
| Product Net Depth / Length | 82.5 mm  |
| Product Net Weight         | 1.9 kg   |

## Technical

|   |   |
|---|---|
| Rated Operational Current<br>AC-21A ( $I_e$ )         | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A<br>(1000 V) 250 A           |
| Rated Operational Current<br>AC-22A ( $I_e$ )         | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                             |
| Rated Operational Current<br>AC-23A ( $I_e$ )         | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                             |
| Rated Operational Power<br>AC-23A ( $P_e$ )           | (220 ... 240 V) 75 kW<br>(400 ... 415 V) 145 kW<br>(500 V) 170 kW<br>(690 V) 250 kW |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ ) | q = 40 °C 250 A   |
| Conventional Thermal<br>Current ( $I_{the}$ )         | Fully Enclosed 250 A  |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )      | 12 kV   |
| Rated Insulation Voltage<br>( $U_i$ )                 | acc. to IEC/EN 60664-1 1000 V   |
| Rated Operational Voltage                             | Main Circuit 1000 V   |
| Rated Short-Circuit<br>Making Capacity ( $I_{cm}$ )   | (690 V) 30 kA   |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )    | for 1 s 8 kA  |
| Power Loss  | at Rated Operating Conditions per Pole 6.5 W  |
| Pollution Degree                                      | 3   |
| Handle Color  | Black   |
| Handle Type   | Handle and shaft included   |
| Fourth Pole Position                                  | Right Side  |
| Fourth Pole Type                                      | Switched - Simultaneous Function  |
| Switches Operating<br>Mechanism                       | Mechanism Between the Poles<br>22 (Between the Poles)                               |
| Distance Between Phases                               | Standard  |
| Position of Line Terminals                            | Top In - Bottom Out<br>Bottom In - Top Out  |
| Operating Mode  | Front 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                |
| Terminal Width        | 20 mm                        |
| Tightening Torque     | acc. IEC 60947-1 15...22 N·m |
| Mechanical Durability | 20000                        |
| Lock Type             | Yes                          |

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## Environmental

|                           |                                   |
|---------------------------|-----------------------------------|
| RoHS Status               | Following EU Directive 2011/65/EU |
| Environmental Information | 1SCC301149D0202                   |

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## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| BV Certificate                    | 1SCC301103D0201 |
| Declaration of Conformity<br>- CE | 1SCC301131D2705 |
| DNV GL Certificate                | 1SCC301174D0204 |
| Environmental Information         | 1SCC301149D0202 |
| GL Certificate                    | 1SCC301139D0201 |
| Instructions and Manuals          | 1SCC301031M0220 |
| LR Certificate                    | 1SCC301144D0201 |
| RoHS Information                  | 1SCC301149D0203 |

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## Container Information

|                                   |                   |
|-----------------------------------|-------------------|
| Package Level 1 Units             | box 1 piece       |
| Package Level 1 Width             | 170 mm<br>6.69 in |
| Package Level 1 Depth /<br>Length | 190 mm<br>7.48 in |
| Package Level 1 Height            | 145 mm<br>5.71 in |
| Package Level 1 Gross<br>Weight   | 2.1 kg<br>0.93 lb |
| Package Level 1 EAN               | 6417019231792     |

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## Classifications

|                            |  |
|----------------------------|--|
| Object Classification Code | Q  |
| ETIM 5                     | EC000216 - Switch disconnecter                             |
| ETIM 6                     | EC000216 - Switch disconnecter                             |
| ETIM 7                     | EC000216 - Switch disconnecter                             |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland)         | 3661366  |
| E-Number (Sweden)          | 3171165  |

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

