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 PRODUCT-DETAILS

# OT1250EAUC3TZ

## OT1250EAUC3TZ Safety switch




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**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | OT1250EAUC3TZ  |
| Product ID            | 1SCA103274R1001  |
| EAN                   | 6417019371115  |
| Catalog Description   | OT1250EAUC3TZ Safety switch  |
| Long Description      | <p>Safety switch, 3-p. 415V AC23 1250A, 710kW. Mounted auxiliary contact: 2NO1NC. Steel sheet enclosure. IP65. Black Pistol handle. Interlocked cover. Defeatable interlocking. The enclosed switch is using a galvanised steel enclosure, with polyester coating. It is suitable for outdoor use with respect to UV light and ingress protection. The enclosure have inbuilt gas pressure relief function to protect the user in case of an internal arc. The door is earthed via the hinges. The enclosure is prepared for single and parallell cables. Cable entry types can be blank , ring-flange or C-flange type (FL21), with different cable configuration, like top/bottom or bottom/bottom. The handle is padlockable for 3 padlocks, cover is interlocked, and interlock function can be bypassed for thermography.</p> |

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**Material Compliance**

|   |  |
|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| REACH Declaration                           | 1SCC340076D0201  |
| RoHS Declaration                            | 1SCC340075D0201  |
| RoHS Information                            | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

|                                     |  |
|-------------------------------------|--|
| SCIP                                | 966ef95f-ec35-4ec6-97a1-3f1ca2912e97 Finland   |
| Simplified SCIP                     | 72128978-cad0-41f3-a9f7-b94a6b36fc10 Germany<br>7afc50ac-51b8-45b4-9386-05ff24a5e757 France<br>d99beee9-ddcf-462b-9014-87c5e503965c Germany<br>8ab9ff17-cd35-497a-bc15-fbef3e53c7ff Hungary<br>f38e2c22-4c0b-479d-a74a-12c3844bd0a9 Spain<br>3be5b94b-be29-40a2-be04-869ff0b91c59 Belgium<br>87d99551-5b70-41f0-8ea4-4d6560aae445 Italy<br>2fcd6561-bce6-49d8-9122-c61af029e71d Germany<br>9a9cef8f-9807-409d-aa2a-2058e8fb6eed Belgium<br>1d524a89-dbe9-4d6b-8210-ae807eba8078 Denmark<br>27145c80-0724-4069-8c80-836777eb50fc Germany<br>4a23661d-9222-444e-8067-6f676d6a1eec Croatia<br>1049c2c4-444c-41b6-9138-2f18829afa64 Greece<br>d636036e-bed3-4916-adb9-60bb896227c2 Estonia<br>03cd7662-9ba2-4ca2-a111-d71784887cc8 Czech Republic<br>9c16f5bc-1814-4d09-9cfc-7053435cc5fd Poland<br>73e343ca-422a-4385-9061-de777394c09f Netherlands<br>fb1145d0-656d-4ea9-9d14-f6d0788c2b5f Hungary<br>d67b0fbb-6242-463a-9adc-8e12bfe8723f Germany<br>675b7a59-8f69-433d-aa9f-f5d956a055d7 Poland<br>9a90513e-7df0-45ae-a6f8-6fcb0513a0a Norway<br>59de5cfa-3031-4907-80bb-6b86a71a36b5 Portugal<br>8380e074-61c3-40c8-a679-c0f9e9ac6bb5 Bulgaria<br>9ff9c875-8cc4-4736-82c2-57fbc3594005 Sweden<br>671a9fb5-1e70-487e-8de7-69a83e48d778 Poland<br>53daec93-43e3-4503-ae6-6843d2f04a48 France<br>b538367e-0fc3-4c9b-b085-9466feb4dc1f Sweden |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201  |

## Popular Downloads

|                                   |                     |
|-----------------------------------|---------------------|
| Data Sheet, Technical Information | 1SCC340015C0201     |
| Instructions and Manuals          | 1SCC340016M0005     |
| Mechanical Drawings               | OTKM128033PBL6C.stp |

## Environmental

|                      |                        |
|----------------------|------------------------|
| Degree of Protection | acc. to IEC 60529 IP65 |
| Pollution Degree     | 3                      |

## Ordering

|                                |          |
|--------------------------------|----------|
| Minimum Order Quantity         | 1 piece  |
| Customs Tariff Number          | 85363090 |
| Country or Territory of Origin | Finland  |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 800 mm   |
| Product Net Height         | 1200 mm  |
| Product Net Depth / Length | 330 mm   |
| Product Net Weight         | 69.87 kg |

## Container Information

|                         |             |
|-------------------------|-------------|
| Package Level 1 Units   | box 1 piece |
| Package Level 1 Width   | 815 mm      |
| Package Level 1 Depth / | 1310 mm     |

|                              |               |
|------------------------------|---------------|
| Length                       |               |
| Package Level 1 Height       | 425 mm        |
| Package Level 1 Gross Weight | 74.9 kg       |
| Package Level 1 EAN          | 6417019371115 |

## Technical

|   |  |
|---|--|
| Cable Entry Position  | Bottom/Bottom  |
| Cable Outlets Per Side                                      | Blank / 6xC-flange, Knock-outs: 3x10mm, 12.5mm, 2x20.5mm, 2x25.5mm, 2x32.5mm     |
| Color   | RAL7032  |
| Connecting Capacity Main Circuit                            | Hole Diameter 12 mm<br>Screw Clamp / PE Terminal 10pc,25 ... 120 mm <sup>2</sup> |
| Conventional Thermal Current ( $I_{the}$ )                  | Fully Enclosed 1250 A  |
| Degree of Protection  | acc. to IEC 60529 IP65   |
| Enclosure Material  | Steel sheet  |
| Handle Color  | Black  |
| Handle Type   | Pistol handle  |
| Impact Resistance Rating                                    | Housing IK09   |
| Maximum Mounted Auxiliary Contacts                          | 2 NO, 2 NC   |
| Mounted Auxiliary Contacts                                  | 2 NO, 1 NC   |
| Neutral Type  | No Neutral Terminal  |
| Number of Auxiliary Contacts NC                             | 1  |
| Number of Auxiliary Contacts NO                             | 2  |
| Number of Poles   | 3P   |
| Pollution Degree  | 3  |
| Power Loss  | at Rated Operating Conditions per Pole 29 W                                      |
| Rated Insulation Voltage ( $U_i$ )                          | 750 V  |
| Rated Operational Current AC-22A ( $I_e$ )                  | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A                       |
| Rated Operational Current AC-23A ( $I_e$ )                  | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A                       |
| Rated Operational Power AC-23A ( $P_e$ )                    | (380 ... 415 V) 710 kW<br>(500 V) 900 kW<br>(690 V) 1200 kW                      |
| Rated Operational Voltage                                   | Main Circuit 1000 V  |
| Rated Short-Circuit Making Capacity ( $I_{cm}$ )            | (690 V AC) 110 kA  |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | for 1 s 50 kA  |
| Recommended Screw Driver                                    | Main Circuit M12   |
| Standards   | IEC 60947-1, -3  |
| Tightening Torque   | Main Circuit 75 N·m  |

## Technical UL/CSA

|                          |                     |
|--------------------------|---------------------|
| Recommended Screw Driver | Main Circuit M12    |
| Tightening Torque        | Main Circuit 75 N·m |

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## Certificates and Declarations

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|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC340042D2703 |
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## External Classifications and Standards

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|---------------------------------------|---|
| Object Classification Code            | Q   |
| ETIM 9                                | EC000216 - Switch disconnecter (low voltage)                |
| ETIM 10                               | EC000216 - Switch disconnecter (AC)                         |
| UNSPSC                                | 39122205  |
| IDEA Granular Category<br>Code (IGCC) | 5166 >> Safety switch                                       |
| eClass                                | V11.1 : 27371403  |
| WEEE Category                         | 4. Large Equipment (Any External Dimension More Than 50 cm) |
| E-Number (Finland)                    | 3642104   |
| E-Number (Sweden)                     | 3135057   |

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## Categories

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Low Voltage Products and Systems → Enclosed Switches → Enclosed Safety Switches → Enclosed Safety Switches

