PRODUCT-DETAILS

# OT1000BLRR3AZ

## OT1000BLRR3AZ Safety switch



### General Information

| | |
|---|---|
| Extended Product Type | OT1000BLRR3AZ |
| Product ID | 1SCA022512R7810 |
| EAN | 6417019166278 |
| Catalog Description | OT1000BLRR3AZ Safety switch |
| Long Description | Safety switch, 3-p. 415V AC23 1000A, 560kW. Mounted auxiliary contact: 2NO1NC. Steel sheet enclosure. IP65. RedYellow 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 thermographing. |

### Material Compliance

| | |
|---|---|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |

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| | |
|---|---|
| REACH Declaration | 1SCC340076D0201 |
| RoHS Declaration | 1SCC340075D0201 |
| RoHS Information | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| SCIP | b395cf04-8287-455f-8b5b-3006ee2dcc95 Finland |
| Simplified SCIP | 9d66860b-ea56-40fa-8c3a-b23a6a15ca8f Germany<br>e5f59643-6069-4ef5-b5ce-a7c309146a2c Germany<br>82bf472a-143b-4e51-9e7a-08d6cc563ea2 France<br>90cc0e92-7b77-41dd-a606-e605269bd0a1 Hungary<br>4a4de49a-2c23-4e89-8055-4304d805e5f4 Spain<br>c2be4917-81ca-41c3-ad1a-1277d1c21aec Belgium<br>a93aabdd-82b0-41b6-b4a7-4b9426235236 Hungary<br>4c6a1177-70e7-4e8c-baa1-aa0ba865b4d5 Poland<br>b8cb2a14-3d6c-4ec4-8bce-09a20c38bcc9 Netherlands<br>e66370b7-e801-4cdb-bf67-10fc5210ec16 Croatia<br>7f144d07-6ac8-42a0-ace8-2c93a5f36d5c Czech Republic<br>c4d3598c-bf25-424f-9032-cb3a8ceffa84 Denmark<br>cc3c79b5-7668-4769-9063-09525ebc0631 Germany<br>409abd54-ca71-44c9-993f-e73b20969132 Poland<br>74b9a5b2-918e-4b69-a829-1388509fa987 Sweden<br>5a213b77-bf93-4ad2-9509-3cd9a47126ca France<br>03b6d2e6-467d-4aab-84a8-ddb47041b666 Greece<br>96f8efa1-f615-4753-9d9d-b599cb0ef249 Estonia<br>f622b5c7-1f95-49f4-96b2-318df3832041 Portugal<br>52a3a200-e6d3-450f-b889-00f1325f7e3d Bulgaria<br>fe22c7da-dbe0-4bfd-8cc2-95486dba7100 Sweden<br>60089161-c567-4434-a802-f37efb4afad4 Germany<br>34d21167-7da4-4190-93da-101948fbb018 Poland<br>d39c4a2f-b7db-464f-8ee9-b4a8d4f02d2d Norway<br>0587c479-ecde-481f-91e3-b17277daebe4 Belgium<br>d993ccb1-fa58-4390-b63c-0801e87eea3e Italy<br>409c63d0-837e-4cdb-8acd-d6921769e3f8 Germany |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340016M0005 |
| Mechanical Drawings | OTKM128033P8R.stp |

## Environmental

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

## Ordering

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

## Dimensions

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|---|---|
| Product Net Width | 800 mm |
| Product Net Height | 1200 mm |
| Product Net Depth / | 330 mm |

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| | |
|---|---|
| Length | |
| Product Net Weight | 57.97 kg |

## Container Information

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|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 815 mm |
| Package Level 1 Depth / Length | 1310 mm |
| Package Level 1 Height | 425 mm |
| Package Level 1 Gross Weight | 63 kg |
| Package Level 1 EAN | 6417019166278 |

## Technical

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|---|---|
| Cable Entry Position | Top/Bottom |
| Cable Outlets Per Side | 8xring-flange / 8xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm |
| Color | RAL7032 |
| Connecting Capacity Main Circuit | Hole Diameter 12 mm<br>Screw Clamp / PE Terminal 10pc,25 ... 120 $mm^2$ |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 1000 A |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Enclosure Material | Steel sheet |
| Handle Color | Red / Yellow |
| 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 19 W |
| Rated Insulation Voltage ($U_i$) | 750 V |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 1000 A<br>(500 V) 1000 A<br>(690 V) 1000 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 1000 A<br>(500 V) 1000 A<br>(690 V) 1000 A |
| Rated Operational Power AC-23A ($P_e$) | (380 ... 415 V) 560 kW<br>(500 V) 710 kW<br>(690 V) 1000 kW |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity ($I_{cm}$) | (690 V AC) 110 kA |
| Rated Short-time | for 1 s 50 kA |

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| | |
|---|---|
| Withstand Current Low Voltage ($I_{cw}$) | |
| 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 |

## Certificates and Declarations

| | |
|---|---|
| Declaration of Conformity - CE | 1SCC340042D2703 |

## External Classifications and Standards

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

## Categories

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

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