



 PRODUCT-DETAILS

OT800ERRR3TZ

OT800ERRR3TZ Safety switch



General Information

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| Extended Product Type | OT800ERRR3TZ |
| Product ID | 1SCA102333R1001 |
| EAN | 6417019371221 |
| Catalog Description | OT800ERRR3TZ Safety switch |

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|------------------|--|
| Long Description | <p>Safety switch, 3-p. 415V AC23 720A, 400kW. Mounted auxiliary contact: 2NO1NC. Stainless steel enclosure. IP65. StainlessSteel Pistol handle. Interlocked cover. Defeatable interlocking. The enclosure and handle of the OT series is made of rigid acid proof steel, class AISI316L. The enclosure has a hinged door, with door lock. The cover is interlocked, and can not be opened when switch is on. The interlock function can be defeated for thermographing. The cover has also a gas pressure releaf function, to protect the user in case of internal arc. Suitable for outdoor and indoor use. The cable entries holes are prepared for cable flanges. The cable flanges (KOT61007 or KOT62296 (for EMC)) and the covers for the holes (KOT61008), have to be bought separately. The switch can be used in EMC applications, if EMC ring flanges are used. PE terminals and auxiliary contacts are included.</p> |
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Material Compliance

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| 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 |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201 |

Popular Downloads

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|-----------------------------------|---------------------|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340008M0004 |
| Mechanical Drawings | OTRK104023P4R25.stp |

Environmental

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|----------------------|------------------------|
| 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 | 400 mm |
| Product Net Height | 1000 mm |
| Product Net Depth / Length | 230 mm |
| Product Net Weight | 33.55 kg |

Container Information

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| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 415 mm |
| Package Level 1 Depth / Length | 1110 mm |
| Package Level 1 Height | 325 mm |
| Package Level 1 Gross Weight | 36 kg |
| Package Level 1 EAN | 6417019371221 |

Technical

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|----------------------------------|---|
| Cable Entry Position | Top/Bottom |
| Cable Outlets Per Side | 4xring-flange+ø25.5mm / 4xring-flange+ø25.5mm |
| Color | Stainless |
| Connecting Capacity Main Circuit | Hole Diameter 12 mm Screw Clamp / PE Terminal 4pc,25 ... 120 mm ² |
| Conventional Thermal | Fully Enclosed 720 A |

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| Current (I_{the}) | |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Enclosure Material | Stainless steel |
| Handle Color | Stainless Steel |
| Handle Type | Pistol handle |
| Impact Resistance Rating | Housing IK09 |
| Maximum Mounted Auxiliary Contacts | 2 NO, 2 NC |
| Mounted Auxiliary Contacts | 2 NO, 1 NC |
| 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 40 W |
| Rated Conditional Short-Circuit Current (I_{nc}) | 90 kA |
| Rated Insulation Voltage (U_i) | 750 V |
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 720 A (500 V) 720 A (690 V) 720 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 720 A (500 V) 720 A (690 V) 720 A |
| Rated Operational Power AC-23A (P_e) | (380 ... 415 V) 400 kW (500 V) 500 kW (690 V) 710 kW |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity (I_{cm}) | (1000 V AC) 80 kA |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | for 1 s 20 kA |
| Recommended Screw Driver | Main Circuit M12 |
| Special Functions | EMC |
| Standards | IEC 60947-1, -3 |
| Tightening Torque | Main Circuit 75 N·m |

Technical UL/CSA

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

Certificates and Declarations

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|--------------------------------|-----------------|
| Declaration of Conformity - 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 Code (IGCC) | 5166 >> Safety switch | |
| eClass | | V11.1 : 27371403 |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) | |
| E-Number (Finland) | | 3642112 |
| E-Number (Sweden) | | 3135051 |

Categories

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

