PRODUCT-DETAILS

# OT315KTRR3AZ

# OT315KTRR3AZ EMC safety switch



## General Information

| | |
|---|---|
| Extended Product Type | OT315KTRR3AZ |
| Product ID | 1SCA022742R3610 |
| EAN | 6417019452203 |
| Catalog Description | OT315KTRR3AZ EMC safety switch |
| Long Description | EMC safety switch, 3-p. 415V AC23 315A, 160kW. 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

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|---|---|
| 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 |

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| | |
|---|---|
| SCIP | f61dedc0-9d27-4d42-ab80-d34eb3293109 Finland |
| Simplified SCIP | 0a4369ba-b305-4526-bf41-d5fe9b9b5784 Belgium<br>a7297c09-42e5-4a6c-90d0-6c7bbeeec4b9 Hungary<br>364ff8ef-4977-4171-8a55-71622c84ee99 Spain<br>79b4e147-c142-4e31-832e-4e502a183a8c Poland<br>fbe66cda-a717-45e0-952a-c3bd4150ffb3 Denmark<br>9fd1da14-5f3a-4c33-8412-52d1df0f9a59 Germany<br>8dbdd06f-10f9-44ff-ad7e-016551b52b1b Croatia<br>c774026d-263c-4b5e-b73e-50aa39895b7b Czech Republic<br>ea3ade35-1eee-4fb2-934e-692f6355a8b0 Italy<br>6ce14875-8907-4ee7-8f1a-771fff23105b Germany<br>47db5370-4ad9-4e22-8f6b-6cda08da59ae Germany<br>a50d41e0-fd6a-42bc-9319-eadd991981f4 Norway<br>71082109-e057-42b4-b98b-ef851af932e6 Belgium<br>ba15e54a-56fc-4bfe-9a35-a343625a3bd5 Netherlands<br>f2ec561c-ddd3-470f-b808-abff40e52b56 Greece<br>4c76264b-f112-4aba-98b8-09e93392c9cd Portugal<br>2801fe8e-dae3-4965-9ce6-46643e124972 Hungary<br>bcc97c4e-33a8-4648-9fed-9bd51d6d54d1 Estonia<br>2e07263c-d53c-4875-963a-76b1e1ce9b93 Sweden<br>a276d523-7884-4697-b008-14f4da0400b6 Poland<br>92715fc6-c90e-4f8e-a51e-ea3fee087844 France<br>4bd709b9-055d-4ba3-aa0a-2fc5e3a6eb03 Bulgaria<br>f006fa0c-58b7-44e7-a63b-93114fde2fae Sweden<br>c0bf2910-a08f-459e-a5f5-1f58a31805f4 Germany<br>540df540-e997-4fa6-8030-c79868bed546 Poland<br>3cb802ab-de61-4068-a3ad-1f4e42cb35e3 Germany<br>75b1f8f9-95fe-448c-8ce8-cd307a3411b1 France |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340016M0005 |
| Mechanical Drawings | OTKM604023P4R.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 | 600 mm |
| Product Net Depth / Length | 230 mm |
| Product Net Weight | 19.31 kg |

## Container Information

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|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 415 mm |
| Package Level 1 Depth / | 710 mm |

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| | |
|---|---|
| Length | |
| Package Level 1 Height | 325 mm |
| Package Level 1 Gross Weight | 21 kg |
| Package Level 1 EAN | 6417019452203 |

## Technical

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|---|---|
| Cable Entry Position | Top/Bottom |
| Cable Outlets Per Side | 4xring-flange / 4xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm |
| Color | RAL7032 |
| Connecting Capacity Main Circuit | Hole Diameter 10 mm<br>Screw Clamp / PE Terminal 4pc,10 ... 70+4pc M8 mm² |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 315 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 6.5 W |
| Rated Conditional Short-Circuit Current ($I_{nc}$) | 61.5 kA |
| Rated Insulation Voltage ($U_i$) | 750 V |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 315 A<br>(500 V) 315 A<br>(690 V) 315 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 315 A<br>(500 V) 315 A<br>(690 V) 315 A |
| Rated Operational Power AC-23A ($P_e$) | (380 ... 415 V) 160 kW<br>(500 V) 200 kW<br>(690 V) 250 kW |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity ($I_{cm}$) | (1000 V AC) 65 kA |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 15 kA |
| Recommended Screw Driver | Main Circuit M10 |
| Special Functions | EMC |
| Standards | IEC 60947-1, -3 |
| Tightening Torque | Main Circuit 44 N·m |

## Technical UL/CSA

| | |
|---|---|
| Recommended Screw Driver | Main Circuit M10 |

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|---|---|
| Tightening Torque | Main Circuit 44 N·m |

## Certificates and Declarations

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|---|---|
| Declaration of Conformity - CE | 1SCC340025D2704 |

## External Classifications and Standards

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|---|---|
| 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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