PRODUCT-DETAILS

# OT630KLRR3AZ

# OT630KLRR3AZ Safety switch



## General Information

| | |
|---|---|
| Extended Product Type | OT630KLRR3AZ |
| Product ID | 1SCA022512R7730 |
| EAN | 6417019166261 |
| Catalog Description | OT630KLRR3AZ Safety switch |
| Long Description | Safety switch, 3-p. 415V AC23 570A, 315kW. 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 |
| 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 | 9ca7209b-296f-44c3-900b-330c0cbc8936 Finland |
| Simplified SCIP | 1ceec5fe-2371-4238-b7b7-063f664f6572 Germany |
| | bd6a72ec-5343-4c1d-a282-0dd171ec670c Belgium |
| | 3ad38140-668d-42ff-aae7-9ac78f25201a Poland |
| | 94a658d3-837c-4225-95fd-1502d7e3eb9a Spain |
| | 44267f72-304e-4589-8bc1-6878b4ca652c Czech Republic |
| | e9d54ebd-8103-43e6-9ea4-a617bcd0db7e Sweden |
| | 5cfe4ad7-427d-499e-a951-bcf3bf4f4a2a Bulgaria |
| | c3a4ce4e-8fa0-44d5-a04a-c72b92008827 Poland |
| | 44267f72-304e-4589-8bc1-6878b4ca652c Czech Republic |
| | a3dbd5ec-ee1e-402a-a6aa-2e4740e43469 Greece |
| | bd6a72ec-5343-4c1d-a282-0dd171ec670c Belgium |
| | 71aef401-2053-4dcb-b646-05baf5e23f3f Hungary |
| | bab07890-d3d5-4c3e-acd9-eb85dc8d5288 Netherlands |
| | bab07890-d3d5-4c3e-acd9-eb85dc8d5288 Netherlands |
| | 147e8a45-cb92-46fe-8cdf-043a423d8ccd Croatia |
| | c160e623-47cd-4855-9448-003403f6fd79 Germany |
| | a7ff910c-db8b-4fea-9850-c851f4cabaed Germany |
| | 566370cd-6dfc-4dcb-8b29-698b89c8aafc Denmark |
| | dc6d04b5-88e2-4f12-9e72-370119076988 Italy |
| | 566370cd-6dfc-4dcb-8b29-698b89c8aafc Denmark |
| | e33328eb-cad0-41d1-a472-1c84bc3b8ae3 Germany |
| | 3bb41fb0-5681-48c4-86ba-a96c1b1529b8 Germany |
| | fb2883b9-d8b2-4187-ab28-deee67356797 Sweden |
| | c160e623-47cd-4855-9448-003403f6fd79 Germany |
| | 45287552-370d-4324-b126-887457ef5bcb Poland |
| | 147e8a45-cb92-46fe-8cdf-043a423d8ccd Croatia |
| | e33328eb-cad0-41d1-a472-1c84bc3b8ae3 Germany |
| | 71aef401-2053-4dcb-b646-05baf5e23f3f Hungary |
| | f37b2661-1478-4d80-8c9d-1700ae6ddc56 Norway |
| | a7ff910c-db8b-4fea-9850-c851f4cabaed Germany |
| | 4170e29c-6643-40e6-ac68-d328d78fcae1 France |
| | c3a4ce4e-8fa0-44d5-a04a-c72b92008827 Poland |
| | 80151086-f0a8-4762-ac14-250c374c3f04 France |
| | 80151086-f0a8-4762-ac14-250c374c3f04 France |
| | 4170e29c-6643-40e6-ac68-d328d78fcae1 France |
| | 2e3d2e58-ad23-49dc-8554-93acb8486965 Portugal |
| | a3dbd5ec-ee1e-402a-a6aa-2e4740e43469 Greece |
| | 5f68cb3a-07c0-4e09-9a10-39acdb6338c9 Hungary |
| | 3ad38140-668d-42ff-aae7-9ac78f25201a Poland |
| | 94a658d3-837c-4225-95fd-1502d7e3eb9a Spain |
| | bc5d91a3-96ea-4d41-ae0a-ba76ffdf1904 Belgium |
| | bc5d91a3-96ea-4d41-ae0a-ba76ffdf1904 Belgium |
| | 92574aa5-0465-42e4-9521-c2f4b58263d6 Estonia |
| | 2e3d2e58-ad23-49dc-8554-93acb8486965 Portugal |
| | fb2883b9-d8b2-4187-ab28-deee67356797 Sweden |
| | 3bb41fb0-5681-48c4-86ba-a96c1b1529b8 Germany |
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| | dc6d04b5-88e2-4f12-9e72-370119076988 Italy |
| | 45287552-370d-4324-b126-887457ef5bcb Poland |
| | 92574aa5-0465-42e4-9521-c2f4b58263d6 Estonia |
| | 5cfe4ad7-427d-499e-a951-bcf3bf4f4a2a Bulgaria |
| | e9d54ebd-8103-43e6-9ea4-a617bcd0db7e Sweden |
| | f37b2661-1478-4d80-8c9d-1700ae6ddc56 Norway |
| | f765c61f-e095-415c-a56e-152a93ff6145 Italy |
| | 03bf2838-88b5-4e7d-acbc-77a707112bca Hungary |
| | a595efe8-9ac0-4bd9-ae11-afc3d7dfa8c9 Germany |
| | 1b88d702-f9dd-4019-8d66-4b8c6fcc1c96 Poland |
| | 294bc1c7-3fc0-4050-a29b-c69c16b5a881 Norway |
| | 9b678070-b465-42bc-ad88-e8c3bf03f22d Belgium |
| | b488b04d-134f-4cb9-9a26-b1211b3eeb90 Denmark |
| | 6ef101d6-16c9-4256-a736-31738600f276 Sweden |
| | c3d891ec-6cfd-4f04-bc35-ca8c2ea371ac Germany |
| | f1623df0-bd4f-4f14-96df-2f4779f2286c Germany |
| | b81ddbda-bfea-4ff8-b6bd-54061f39ff05 Croatia |
| | 6042f8de-90c1-4b0a-a890-227d12168e3a Czech Republic |
| | 236f4ee4-6de3-430b-a87d-32b8f2a0a8bf Poland |
| | ffe52e7b-43d4-4afe-99b3-d33d36572580 Netherlands |
| | eb31805e-c112-4f9d-81da-9dc67775bfdd Bulgaria |
| | 78320f5b-e239-4474-bf27-8c8bed76ddea Sweden |
| | 8cda99f9-477d-4377-a743-6d3a5b3602f5 France |
| | 51f203cf-dba0-44fa-8b9f-cd5c2e0b49c6 Hungary |
| | f91e688f-dd83-4191-91ab-f9042c88ddfd Spain |
| | acc10129-bef1-486b-a817-3cd9b0191be8 Belgium |
| | 14ec177e-baa3-440a-9356-5e436e5fc180 Estonia |
| | ddc86ffe-f90d-4a30-b713-8ad7e3844a8b Greece |
| | aa2d4961-c5f5-49f9-b7e3-d030cebe43fe Portugal |
| | d5f094a9-e6ff-4d7f-908f-86f2a8d5394d Germany |
| | 997f712b-0ece-4d34-a7e6-eb68ec01cb82 Poland |
| | 6ce697c0-d538-4d49-b30b-86f81d4b20aa France |

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

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340016M0005 |
| Mechanical Drawings | OTKM104023P4R.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 | 29.85 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 | 32.3 kg |
| Package Level 1 EAN | 6417019166261 |

## 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 12 mm<br>Screw Clamp / PE Terminal 4pc,25 ... 120 mm² |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 570 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 | 2 NO, 2 NC |

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| Auxiliary Contacts | |
|---|---|
| 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 25 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) 570 A<br>(500 V) 570 A<br>(690 V) 570 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 570 A<br>(500 V) 570 A<br>(690 V) 570 A |
| Rated Operational Power AC-23A ($P_e$) | (380 ... 415 V) 315 kW<br>(500 V) 400 kW<br>(690 V) 560 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 |
| 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

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|---|---|
| Declaration of Conformity - CE | 1SCC340029D2704 |

## 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) |

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## Categories

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





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