




---

 PRODUCT-DETAILS

# OT630KFCC3A

## OT630KFCC3A Safety switch




---

**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | OT630KFCC3A  |
| Product ID            | 1SCA022278R3710  |
| EAN                   | 6417019064499  |
| Catalog Description   | OT630KFCC3A Safety switch  |
| Long Description      | Safety switch, 3-p. 415V AC23 570A, 315kW. Mounted auxiliary contact: 2NO1NC. Plastic enclosure. IP65. RedYellow Pistol handle. Interlocked cover. Defeatable interlocking. The enclosure in the OT series is using a rigid glass reinforced polycarbonate enclosure. The enclosure is UV protected, protected against low-pressure water jets (IP65), and hence built for outdoor and indoor use. The cable entries knock out types for II-flanges. Cables can be inserted from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. The interlocking can be defeated. PE terminals included. |

---

**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  | af9abc6d-2425-49cf-b764-b3e8fe203dea Finland                           |

Simplified SCIP

50dc192e-759b-45b2-8a6b-4d7e88028963 Germany  
 c07189c1-0682-402a-9119-e7ec8075576a Sweden  
 55353fc5-3c03-4878-a65a-5455dac3cbdd Poland  
 a571512a-cff2-4af4-9cee-efda2750c0fb Belgium  
 a7abdcbf-339e-4900-805b-7de14ddb8787 Norway  
 5453c833-bba2-4db5-8acc-7254f526e4ba Germany  
 b7f5f651-64d2-47ee-8433-7397a33ebaab Belgium  
 9b99f07a-8fbb-48d1-b078-c7e8013501b8 Spain  
 721ee056-1261-4714-a30d-cf8f249233f2 Sweden  
 0a3fa443-2a30-4048-82a2-fc73f85b2ce1 Poland  
 78d07508-a2da-416d-988d-d4213d36809c France  
 b5a6a956-782b-41fe-b6f0-462fed1d8c05 Bulgaria  
 0a3fa443-2a30-4048-82a2-fc73f85b2ce1 Poland  
 721ee056-1261-4714-a30d-cf8f249233f2 Sweden  
 c7bf394c-eb3c-4531-a2d4-9f85028c539c Croatia  
 047ba32a-219a-45a8-b005-11179bab0ad5 Germany  
 bedda9be-6479-4e34-a915-41ee5c0da2c9 France  
 7bd0600f-db43-4254-b0e8-b06a9b65eb7c Hungary  
 a571512a-cff2-4af4-9cee-efda2750c0fb Belgium  
 b5a6a956-782b-41fe-b6f0-462fed1d8c05 Bulgaria  
 55353fc5-3c03-4878-a65a-5455dac3cbdd Poland  
 e83cf829-3570-4e16-acab-912d645ba725 Italy  
 dceca3c3-a4e5-48ca-b264-17093d07e759 Netherlands  
 5453c833-bba2-4db5-8acc-7254f526e4ba Germany  
 ea92c081-2349-4bf5-bf9a-1db810b959af Poland  
 73a62b90-de42-4bdc-be0e-e972849562ee Czech Republic  
 c7bf394c-eb3c-4531-a2d4-9f85028c539c Croatia  
 f969f77f-1841-496a-8433-d90d2a9409f8 Germany  
 92f446f5-083c-4f02-84f2-e9fab2ccdebd Hungary  
 2dbcc529-9d33-425d-9b26-ae5a936b3ba3 Germany  
 a7abdcbf-339e-4900-805b-7de14ddb8787 Norway  
 34532664-640a-4778-9345-3b600bc6aea3 Estonia  
 98357fd2-2ac3-4139-bc5d-313ad8f92c0e Greece  
 73a62b90-de42-4bdc-be0e-e972849562ee Czech Republic  
 dceca3c3-a4e5-48ca-b264-17093d07e759 Netherlands  
 ea92c081-2349-4bf5-bf9a-1db810b959af Poland  
 c1ab2337-c456-488a-8276-b3f5185c800a Portugal  
 34532664-640a-4778-9345-3b600bc6aea3 Estonia  
 bedda9be-6479-4e34-a915-41ee5c0da2c9 France  
 caf48f9c-82f2-42c4-95c2-b7ef4714644a Denmark  
 78d07508-a2da-416d-988d-d4213d36809c France  
 9b99f07a-8fbb-48d1-b078-c7e8013501b8 Spain  
 caf48f9c-82f2-42c4-95c2-b7ef4714644a Denmark  
 92f446f5-083c-4f02-84f2-e9fab2ccdebd Hungary  
 98357fd2-2ac3-4139-bc5d-313ad8f92c0e Greece  
 c1ab2337-c456-488a-8276-b3f5185c800a Portugal  
 b7f5f651-64d2-47ee-8433-7397a33ebaab Belgium  
 c07189c1-0682-402a-9119-e7ec8075576a Sweden  
 047ba32a-219a-45a8-b005-11179bab0ad5 Germany  
 e83cf829-3570-4e16-acab-912d645ba725 Italy  
 2dbcc529-9d33-425d-9b26-ae5a936b3ba3 Germany  
 7bd0600f-db43-4254-b0e8-b06a9b65eb7c Hungary  
 f969f77f-1841-496a-8433-d90d2a9409f8 Germany

1SCC340095D0201

Toxic Substances Control Act - TSCA

Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals          | 1SCC340015M0004 |

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          | 560 mm   |
| Product Net Height         | 760 mm   |
| Product Net Depth / Length | 250 mm   |
| Product Net Weight         | 17.83 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 575 mm        |
| Package Level 1 Depth / Length | 780 mm        |
| Package Level 1 Height         | 340 mm        |
| Package Level 1 Gross Weight   | 20 kg         |
| Package Level 1 EAN            | 6417019064499 |

## Technical

|  |   |
|--|---|
| Cable Entry Position                                 | Top/Bottom  |
| Cable Outlets Per Side                               | II-flange / II-flange   |
| Color  | RAL7035   |
| Connecting Capacity Main Circuit                     | Hole Diameter 12 mm<br>Screw Clamp / PE Terminal 4pc.25 ... 120 mm <sup>2</sup> |
| Conventional Thermal Current ( $I_{thc}$ )           | Fully Enclosed 570 A  |
| Degree of Protection                                 | acc. to IEC 60529 IP65  |
| Enclosure Material                                   | Plastic   |
| Handle Color   | Red / Yellow  |
| Handle Type  | Pistol handle   |
| Impact Resistance Rating                             | Housing IK08  |
| 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   |
| Position of Line Terminals                           | Top In - Bottom Out   |
| Position of PE Terminals                             | Top In - Bottom Out   |
| 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 ( $I_g$ )           | (380 ... 415 V) 570 A<br>(500 V) 570 A<br>(690 V) 570 A                         |
| Rated Operational Current AC-23A ( $I_g$ )           | (380 ... 415 V) 570 A<br>(500 V) 570 A<br>(690 V) 570 A                         |

|   |  |
|---|--|
| Rated Operational Power<br>AC-23A (P <sub>e</sub> )                     | (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<br>Making Capacity (I <sub>cm</sub> )               | (1000 V AC) 80 kA  |
| Rated Short-time<br>Withstand Current Low<br>Voltage (I <sub>cw</sub> ) | for 1 s 20 kA  |
| Recommended Screw<br>Driver   | Main Circuit M12   |
| Standards   | IEC 60947-1, -3  |
| Tightening Torque   | Main Circuit 75 N·m  |

---

### Technical UL/CSA

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

---

### Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC340029D2704 |
|-----------------------------------|-----------------|

---

### External Classifications and Standards

|                                       |   |
|---------------------------------------|---|
| 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) |

---

### Categories

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

