

PRODUCT-DETAILS

# OT630KAUR6TZ

## OT630KAUR6TZ Safety switch



### General Information

|                       |                            |
|-----------------------|----------------------------|
| Extended Product Type | OT630KAUR6TZ               |
| Product ID            | 1SCA022460R9940            |
| EAN                   | 6417019144177              |
| Catalog Description   | OT630KAUR6TZ Safety switch |

Long Description

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.

### Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85363090     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC340015C0201 |
|-----------------------------------|-----------------|

Instructions and Manuals

1SCC340005M0007

Mechanical Drawings

OTKM108033PBL8R.stp

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 800 mm  |
| Product Net Height         | 1000 mm |
| Product Net Depth / Length | 330 mm  |
| Product Net Weight         | 39.8 kg |

## Technical

|  |   |
|--|---|
| 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                      |
| Conventional Thermal Current ( $I_{the}$ )       | Fully Enclosed 570 A  |
| Rated Insulation Voltage ( $U_i$ )               | acc. to IEC/EN 60664-1 1000 V   |
| Rated Operational Voltage                        | Main Circuit 1000 V   |
| Rated Short-Circuit Making Capacity ( $I_{cm}$ ) | (1000 V AC) 80 kA   |
| Rated Short-time Withstand Current ( $I_{cw}$ )  | for 1 s 20 kA   |
| Power Loss                                       | at Rated Operating Conditions per Pole 25 W                                     |
| Pollution Degree                                 | 3   |
| Handle Color                                     | Black   |
| Handle Type                                      | Pistol handle   |
| Position of Line Terminals                       | Bottom In - Bottom Out  |
| Standards  | IEC 60947-1, -3   |
| Number of Poles                                  | 6   |
| Connecting Capacity Main Circuit                 | Hole Diameter 12 mm<br>Screw Clamp / PE Terminal 8pcs, 25...120 mm <sup>2</sup> |
| Cable Entry Position                             | Down/Down   |
| Cable Outlets Per Side                           | Blank / 8xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm       |
| Cable Throughouts                                | 2   |
| Degree of Protection                             | acc. to IEC 60529 IP65  |
| Enclosure Material                               | Steel sheet   |
| Maximum Mounted Auxiliary Contacts               | 4 NO, 4 NC  |
| Mounted Auxiliary Contacts                       | 4 NO, 2 NC  |
| Position of PE Terminals                         | Bottom In - Bottom Out  |

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## Environmental

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RoHS Status

Following EU Directive 2011/65/EU

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## Certificates and Declarations (Document Number)

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|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC340029D2704 |
| Instructions and Manuals          | 1SCC340005M0007 |
| RoHS Information                  | 1SCC340049D0202 |

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## Container Information

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|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 815 mm        |
| Package Level 1 Depth /<br>Length | 1310 mm       |
| Package Level 1 Height            | 425 mm        |
| Package Level 1 Gross<br>Weight   | 46 kg         |
| Package Level 1 EAN               | 6417019144177 |

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## Classifications

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|                            |   |
|----------------------------|---|
| Object Classification Code | Q   |
| ETIM 5                     | EC000216 - Switch disconnecter                              |
| ETIM 6                     | EC000216 - Switch disconnecter                              |
| ETIM 7                     | EC000216 - Switch disconnecter                              |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm) |
| E-Number (Finland)         | 3642851   |

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## Categories

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

