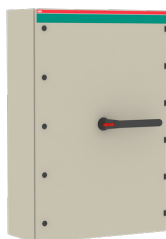


## PRODUCT-DETAILS

# OT630KLAA4C

## OT630KLAA4C Enclosed change-over switch



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT630KLAA4C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product ID            | 1SCA022475R1180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| EAN                   | 6417019150789                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Catalog Description   | OT630KLAA4C Enclosed change-over switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Long Description      | <p>The transfer switch disconnecter 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 parallel cables. Cable entry types can be blank , ring-flange or C-flange type (FL21). Cable entry plates needs to be added. There are different cable configurations, like top/bottom or bottom/bottom. The handle is padlockable for 3 padlocks, cover is interlocked, and interlock function can be bypassed for thermographing.</p> |

### Ordering

|                              |              |
|------------------------------|--------------|
| Minimum Order Quantity       | 1 piece      |
| Customs Tariff Number        | 85363090     |
| Replacement Product ID (NEW) | OT630KLAA4CZ |
| Country of Origin            | Finland (FI) |

### Popular Downloads

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

Instructions and Manuals

1SCC340005M0007

Mechanical Drawings

OTKM128033PO.stp

## Dimensions

|                            |           |
|----------------------------|-----------|
| Product Net Width          | 800 mm    |
| Product Net Height         | 1200 mm   |
| Product Net Depth / Length | 330 mm    |
| Product Net Weight         | 24.155 kg |

## Technical

|                                                          |                                                                                 |
|----------------------------------------------------------|---------------------------------------------------------------------------------|
| Rated Operational Current<br>AC-22A ( $I_e$ )            | (380 ... 415 V) 570 A<br>(690 V) 570 A                                          |
| Rated Operational Current<br>AC-23A ( $I_e$ )            | (380 ... 415 V) 570 A<br>(690 V) 570 A                                          |
| Rated Operational Power<br>AC-23A ( $P_e$ )              | (380 ... 415 V) 315 kW<br>(500 V) 400 kW<br>(690 V) 560 kW                      |
| Conventional Thermal<br>Current ( $I_{the}$ )            | Fully Enclosed 570 A                                                            |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )         | 20 kV                                                                           |
| Rated Insulation Voltage<br>( $U_i$ )                    | acc. to IEC/EN 60664-1 1000 V                                                   |
| Rated Operational Voltage                                | Main Circuit 1000 V                                                             |
| Rated Short-Circuit<br>Making Capacity ( $I_{cm}$ )      | (1000 V AC) 80 kA                                                               |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )       | for 1 s 20 kA                                                                   |
| Rated Conditional Short-<br>Circuit Current ( $I_{nc}$ ) | 83.5 kiloampere rms                                                             |
| Power Loss                                               | at Rated Operating Conditions per Pole 25 W                                     |
| Pollution Degree                                         | 3                                                                               |
| Handle Color                                             | Black                                                                           |
| Handle Type                                              | Pistol handle                                                                   |
| Standards                                                | IEC 60947-1, -3                                                                 |
| Number of Poles                                          | 4                                                                               |
| Connecting Capacity Main<br>Circuit                      | Hole Diameter 12 mm<br>Screw Clamp / PE Terminal 4pcs, 25...120 mm <sup>2</sup> |
| Cable Entry Position                                     | Up/Down                                                                         |
| Cable Outlets Per Side                                   | Open / Open                                                                     |
| Degree of Protection                                     | acc. to IEC 60529 IP54                                                          |
| Enclosure Type                                           | MSC                                                                             |
| Enclosure Material                                       | Steel sheet                                                                     |
| Maximum Mounted<br>Auxiliary Contacts                    | 4 NO, 4 NC                                                                      |
| Mounted Auxiliary<br>Contacts                            | 0 NO, 0 NC                                                                      |
| Tightening Torque                                        | 50 - 75 N·m                                                                     |
| Mechanical Durability                                    | 10000 cycle                                                                     |

## Environmental

RoHS Status

Following EU Directive 2011/65/EU

## Certificates and Declarations (Document Number)

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

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| 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   | 29.7 kg       |
| Package Level 1 EAN               | 6417019150789 |

## Classifications

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

## Categories

Low Voltage Products and Systems → Enclosed Switches → Enclosed Change-over and Transfer Switches → Enclosed Manual Change-over Switches

