

## PRODUCT-DETAILS

# OT250KUUR6TZ

## OT250KUUR6TZ EMC safety switch



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT250KUUR6TZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product ID            | 1SCA022806R6610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| EAN                   | 6417019270005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Catalog Description   | OT250KUUR6TZ EMC safety switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Long Description      | <p>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.</p> <p>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), 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.</p> |

### 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 |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 800 mm   |
| Product Net Height         | 800 mm   |
| Product Net Depth / Length | 230 mm   |
| Product Net Weight         | 21.14 kg |

## Technical

|                                                             |                                                                                 |
|-------------------------------------------------------------|---------------------------------------------------------------------------------|
| Rated Operational Current AC-22A ( $I_e$ )                  | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                         |
| Rated Operational Current AC-23A ( $I_e$ )                  | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                         |
| Rated Operational Power AC-23A ( $P_e$ )                    | (380 ... 415 V) 132 kW<br>(500 V) 160 kW<br>(690 V) 200 kW                      |
| Conventional Thermal Current ( $I_{the}$ )                  | Fully Enclosed 250 A                                                            |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV                                                                            |
| 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) 30 kA                                                               |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | for 1 s 8 kA                                                                    |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )        | 40.5 kA                                                                         |
| Power Loss                                                  | at Rated Operating Conditions per Pole 6.5 W                                    |
| Pollution Degree                                            | 3                                                                               |
| Handle Color                                                | Black                                                                           |
| Handle Type                                                 | Pistol handle                                                                   |
| Standards                                                   | IEC 60947-1, -3                                                                 |
| Special Functions                                           | EMC                                                                             |
| Number of Poles                                             | 6                                                                               |
| Neutral Type                                                | No neutral terminal                                                             |
| Connecting Capacity Main Circuit                            | Hole Diameter 8 mm<br>Screw Clamp / PE Terminal 8pc, 25 ... 120 mm <sup>2</sup> |
| Cable Entry Position                                        | Down/Down                                                                       |
| Cable Outlets Per Side                                      | Blank / 8xring-flange, Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm         |
| Degree of Protection                                        | acc. to IEC 60529 IP65                                                          |
| Impact Resistance Rating                                    | Housing IK09                                                                    |
| Enclosure Material                                          | Steel sheet                                                                     |
| Maximum Mounted Auxiliary Contacts                          | 4 NO, 2 NC                                                                      |
| Mounted Auxiliary Contacts                                  | 4 NO, 2 NC                                                                      |
| Number of Auxiliary Contacts NC                             | 2                                                                               |
| Number of Auxiliary Contacts NO                             | 4                                                                               |

## Environmental

RoHS Status

Following EU Directive 2011/65/EU

## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC340025D2704 |
| Instructions and Manuals       | 1SCC340005M0007 |
| RoHS Information               | 1SCC340025D2704 |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 815 mm        |
| Package Level 1 Depth / Length | 910 mm        |
| Package Level 1 Height         | 325 mm        |
| Package Level 1 Gross Weight   | 25 kg         |
| Package Level 1 EAN            | 6417019270005 |

## Classifications

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Object Classification Code | Q                                                           |
| ETIM 5                     | EC000216 - Switch disconnecter                              |
| ETIM 6                     | EC000216 - Switch disconnecter                              |
| ETIM 7                     | EC000216 - Switch disconnecter                              |
| ETIM 8                     | EC000216 - Switch disconnecter                              |
| 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

