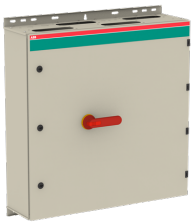
PRODUCT-DETAILS

# OT250KLCC6AZ

# OT250KLCC6AZ Safety switch



## General Information

| | |
|---|---|
| Extended Product Type | OT250KLCC6AZ |
| Product ID | 1SCA022512R8380 |
| EAN | 6417019166322 |
| Catalog Description | OT250KLCC6AZ 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

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|---|---|
| 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 | OTKM808023P4C.stp |

## Dimensions

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|---|---|
| Product Net Width | 800 mm |
| Product Net Height | 800 mm |
| Product Net Depth / Length | 230 mm |
| Product Net Weight | 41.14 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 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 ($I_{cw}$) | for 1 s 8 kA |
| Power Loss | at Rated Operating Conditions per Pole 6.5 W |
| Pollution Degree | 3 |
| Handle Color | Red / Yellow |
| Handle Type | Pistol handle |
| Standards | IEC 60947-1, -3 |
| Number of Poles | 6 |
| Connecting Capacity Main Circuit | Hole Diameter 8 mm<br>Screw Clamp / PE Terminal 8pcs, 25…120 mm² |
| Cable Entry Position | Up/Down |
| Cable Outlets Per Side | 4xC-flange / 4xC-flange, Knock-outs: 2x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Enclosure Material | Steel sheet |
| Maximum Mounted Auxiliary Contacts | 4 NO, 2 NC |
| Mounted Auxiliary Contacts | 4 NO, 2 NC |

## 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 | 1SCC340049D0202 |

## Container Information

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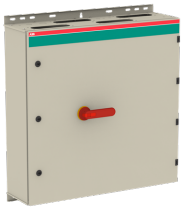
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 815 mm |
| Package Level 1 Depth / Length | 910 mm |
| Package Level 1 Height | 325 mm |
| Package Level 1 Gross Weight | 45 kg |
| Package Level 1 EAN | 6417019166322 |

## Classifications

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