PRODUCT-DETAILS

# OTL36T3M

## OTL36T3M Safety switch



### General Information

| | |
|---|---|
| Extended Product Type | OTL36T3M |
| Product ID | 1SCA022613R0060 |
| EAN | 6417019199443 |
| Catalog Description | OTL36T3M Safety switch |
| Long Description | Safety switch, 3-p. 415V AC23 45A, 22kW. Mounted auxiliary contact: 1NO0NC. Steel sheet enclosure. IP65. Black Selector handle. Interlocked cover. Defeatable interlocking. The enclosure of the OTL series is made of rigid alu-zinc coated steel with polyester powder coating. The enclosure has a hinged door, with door lock. The cover is interlocked, and can not be opened when switch is on. The interlock function can be defeated for thermographing. Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water exposure and Immersion in accordance with UL746C. The cable entries are of knock out types. PE terminal included. |

### Material Compliance

| | |
|---|---|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 1SCC340076D0201 |
| RoHS Information | 1SCC340075D0201 |

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| | |
|---|---|
| RoHS Status | Following EU Directive 2011/65/EU |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340006M0013 |
| Mechanical Drawings | OTLK201510S32.stp |

## Environmental

| | |
|---|---|
| Degree of Protection | acc. to IEC 60529 IP65 |
| Pollution Degree | 3 |

## Ordering

| | |
|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363030 |
| Country of Origin | Bulgaria (BG) |

## Dimensions

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|---|---|
| Product Net Width | 150 mm |
| Product Net Height | 200 mm |
| Product Net Depth / Length | 100 mm |
| Product Net Weight | 1.9 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 162 mm |
| Package Level 1 Depth / Length | 222 mm |
| Package Level 1 Height | 148 mm |
| Package Level 1 Gross Weight | 2 kg |
| Package Level 1 EAN | 6417019199443 |

## Technical

| | |
|---|---|
| Cable Cross-Section | 1.5 ... 35 mm² |
| Cable Entry Position | Top and/or Bottom |
| Cable Outlets Per Side | 2xø32.5+ø16.5 / 2xø32.5+ø16.5 |
| Connecting Capacity Main Circuit | Screw Clamp 1.5 ... 35 mm²<br>Screw Clamp / PE Terminal 2pc,1.5 ... 25 mm² |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 80 A |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Enclosure Material | Steel sheet |

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| | |
|---|---|
| Handle Color | Black |
| Handle Type | Selector handle |
| Impact Resistance Rating | Housing IK09 |
| Maximum Mounted Auxiliary Contacts | 2 NO, 1 NC |
| Mounted Auxiliary Contacts | 1 NO, 0 NC |
| Neutral Type | No neutral terminal |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 1 |
| 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 4.5 W |
| Rated Insulation Voltage ($U_i$) | acc. to IEC/EN 60664-1 750 V |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 63 A<br>(500 V) 63 A<br>(690 V) 63 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 45 A<br>(500 V) 45 A<br>(690 V) 20 A |
| Rated Operational Power AC-23A ($P_e$) | (380 ... 415 V) 22 kW<br>(500 V) 22 kW<br>(690 V) 15 kW |
| Rated Operational Voltage | Main Circuit 750 V |
| Rated Short-Circuit Making Capacity ($I_{cm}$) | (690 V AC) 2.1 kA |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 1.5 kA |
| Recommended Screw Driver | Main Circuit Pozidriv 2 |
| Standards | IEC 60947-1, -3 |
| Tightening Torque | Main Circuit 2 N·m |
| Wire Stripping Length | 13 mm |

## Technical UL/CSA

| | |
|---|---|
| Wire Stripping Length | 13 mm |
| Recommended Screw Driver | Main Circuit Pozidriv 2 |
| Tightening Torque | Main Circuit 2 N·m |

## Certificates and Declarations

| | |
|---|---|
| Declaration of Conformity - CE | 1SCC340005D2704 |

## Classifications

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|---|---|
| Object Classification Code | Q |
| ETIM 8 | EC000216 - Switch disconnector |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| UNSPSC | 39122205 |
| IDEA Granular Category Code (IGCC) | 5166 >> Safety switch |
| eClass | V11.1 : 27371403 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3642373 |
| E-Number (Sweden) | 3134719 |

## Categories

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





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