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PRODUCT-DETAILS

# OTP16T6M

## OTP16T6M Safety switch




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### General Information

|                       |                        |
|-----------------------|------------------------|
| Extended Product Type | OTP16T6M               |
| Product ID            | 1SCA022401R1730        |
| EAN                   | 6417019131023          |
| Catalog Description   | OTP16T6M Safety switch |

#### Long Description

The enclosure in the OTP series is using a rigid glass reinforced polycarbonate enclosure. The enclosure is UV protected, protected against low-pressure water jets (IP65), and hence built for outdoor and indoor use. The cable entries are threaded and have knock out holes for 2 parallel cables and one control cable, both from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. The interlocking can be by-passed, for thermographing etc. The switch is made for 5 wire system, and have a fixed neutral terminal and PE terminal.

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### Ordering

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

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### Popular Downloads

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

Instructions and Manuals

1SCC340002M0012

Mechanical Drawings

OTPK151385SM25.stp

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 130 mm |
| Product Net Height         | 150 mm |
| Product Net Depth / Length | 85 mm  |
| Product Net Weight         | 0.7 kg |

## Technical

|   |   |
|---|---|
| Rated Operational Current<br>AC-22A ( $I_e$ )       | (380 ... 415 V) 32 A<br>(500 V) 32 A<br>(690 V) 32 A  |
| Rated Operational Current<br>AC-23A ( $I_e$ )       | (380 ... 415 V) 16 A<br>(500 V) 16 A<br>(690 V) 10 A  |
| Rated Operational Power<br>AC-23A ( $P_e$ )         | (380 ... 415 V) 7.5 kW<br>(500 V) 7.5 kW<br>(690 V) 7.5 kW  |
| Conventional Thermal<br>Current ( $I_{the}$ )       | Fully Enclosed 40 A   |
| Rated Insulation Voltage<br>( $U_i$ )               | acc. to IEC/EN 60664-1 750 V  |
| Rated Operational Voltage                           | Main Circuit 750 V  |
| Rated Short-Circuit<br>Making Capacity ( $I_{cm}$ ) | (690 V AC) 0.705 kA   |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )  | for 1 s 0.5 kA  |
| Power Loss  | at Rated Operating Conditions per Pole 1.6 W  |
| Pollution Degree                                    | 3   |
| Handle Color  | Black   |
| Handle Type   | Selector handle   |
| Position of Line Terminals                          | Top In - Bottom Out   |
| Standards   | IEC 60947-1, -3   |
| Number of Poles                                     | 6   |
| Connecting Capacity Main<br>Circuit                 | Screw Clamp 0.75...10 mm <sup>2</sup><br>Screw Clamp / PE Terminal 2pcs, 1.5...10 mm <sup>2</sup> |
| Cable Entry Position                                | Up/Down   |
| Cable Outlets Per Side                              | 2xM25+M16 / 2xM25+M16   |
| Degree of Protection                                | acc. to IEC 60529 IP65  |
| Enclosure Type                                      | OTP1  |
| Enclosure Material                                  | Plastic   |
| Maximum Mounted<br>Auxiliary Contacts               | 2 NO, 1 NC  |
| Mounted Auxiliary<br>Contacts                       | 1 NO, 0 NC  |
| Position of Neutral<br>Terminals                    | Top In - Bottom Out   |

Position of PE Terminals

Top In - Bottom Out

## Environmental

RoHS Status

Following EU Directive 2011/65/EU

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| BV Certificate                    | 1SCC340018D0204 |
| Declaration of Conformity<br>- CE | 1SCC340003D2704 |
| DNV GL Certificate                | 1SCC340045D0204 |
| Instructions and Manuals          | 1SCC340002M0012 |
| RoHS Information                  | 1SCC340034D0203 |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 142 mm        |
| Package Level 1 Depth /<br>Length | 167 mm        |
| Package Level 1 Height            | 130 mm        |
| Package Level 1 Gross<br>Weight   | 0.8 kg        |
| Package Level 1 EAN               | 6417019131023 |

## Classifications

|                            |  |
|----------------------------|--|
| Object Classification Code | Q  |
| ETIM 5                     | EC000216 - Switch disconnecter                             |
| ETIM 6                     | EC000216 - Switch disconnecter                             |
| ETIM 7                     | EC000216 - Switch disconnecter                             |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland)         | 3642281  |
| E-Number (Norway)          | 1428970  |
| E-Number (Sweden)          | 3140170  |

## Categories

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

