

PRODUCT-DETAILS

# OTP25T6M

## OTP25T6M Safety switch



### General Information

|                       |                        |
|-----------------------|------------------------|
| Extended Product Type | OTP25T6M               |
| Product ID            | 1SCA022401R1810        |
| EAN                   | 6417019131030          |
| Catalog Description   | OTP25T6M 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.

### Ordering

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

### Popular Downloads

|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 1SCC340015C0201    |
| Instructions and Manuals          | 1SCC340002M0012    |
| Mechanical Drawings               | OTPK201490PM32.stp |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 145 mm |
| Product Net Height         | 200 mm |
| Product Net Depth / Length | 90 mm  |
| Product Net Weight         | 1.2 kg |

## Technical

|  |   |
|--|---|
| Rated Operational Current AC-22A (I <sub>e</sub> )     | (380 ... 415 V) 45 A<br>(500 V) 45 A<br>(690 V) 45 A  |
| Rated Operational Current AC-23A (I <sub>e</sub> )     | (380 ... 415 V) 30 A<br>(500 V) 30 A<br>(690 V) 20 A  |
| Rated Operational Power AC-23A (P <sub>e</sub> )       | (380 ... 415 V) 15 kW<br>(500 V) 15 kW<br>(690 V) 15 kW   |
| Conventional Thermal Current (I <sub>the</sub> )       | Fully Enclosed 63 A   |
| Rated Insulation Voltage (U <sub>i</sub> )             | acc. to IEC/EN 60664-1 750 V  |
| Rated Operational Voltage                              | Main Circuit 750 V  |
| Rated Short-Circuit Making Capacity (I <sub>cm</sub> ) | (690 V AC) 1.4 kA   |
| Rated Short-time Withstand Current (I <sub>cw</sub> )  | for 1 s 1 kA  |
| Power Loss   | at Rated Operating Conditions per Pole 2.8 W  |
| Pollution Degree                                       | 3   |
| Handle Color   | Black   |
| Handle Type  | Pistol handle   |
| Position of Line Terminals                             | Top In - Bottom Out   |
| Standards  | IEC 60947-1, -3   |
| Number of Poles  | 6   |
| Neutral Type   | Fixed neutral   |
| Connecting Capacity Main Circuit                       | Screw Clamp 1.5 ... 35 mm <sup>2</sup><br>Screw Clamp / PE Terminal 2pc, 1.5 ... 35 mm <sup>2</sup> |
| Cable Cross-Section                                    | 1.5 ... 35 mm <sup>2</sup>  |
| Cable Entry Position                                   | Up/Down   |
| Cable Outlets Per Side                                 | 2xM32+M16 / 2xM32+M16   |
| Degree of Protection                                   | acc. to IEC 60529 IP65  |
| Impact Resistance Rating                               | Housing IK08  |
| Enclosure Material                                     | Plastic   |
| Maximum Mounted Auxiliary Contacts                     | 1 NO, 1 NC  |
| Mounted Auxiliary Contacts                             | 1 NO, 0 NC  |
| Number of Auxiliary Contacts NC                        | 0   |
| Number of Auxiliary Contacts NO                        | 1   |
| Position of Neutral Terminals                          | Top In - Bottom Out   |
| Position of PE Terminals                               | Top In - Bottom Out   |

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## Environmental

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RoHS Status

Following EU Directive 2011/65/EU

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## Certificates and Declarations (Document Number)

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|                                |                 |
|--------------------------------|-----------------|
| BV Certificate                 | 1SCC340018D0204 |
| Declaration of Conformity - CE | 1SCC340003D2704 |
| DNV GL Certificate             | 1SCC340045D0203 |
| Instructions and Manuals       | 1SCC340002M0012 |
| RoHS Information               | 1SCC340003D2704 |

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## Container Information

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|                                |               |
|--------------------------------|---------------|
| 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   | 1.3 kg        |
| Package Level 1 EAN            | 6417019131030 |

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## Classifications

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|                            |  |
|----------------------------|--|
| 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              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland)         | 3642284  |
| E-Number (Norway)          | 1428972  |
| E-Number (Sweden)          | 3140172  |

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## Categories

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

