

## PRODUCT-DETAILS

# OTP90T4U

## OTP90T4U Safety switch



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OTP90T4U                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product ID            | 1SCA022430R1570                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| EAN                   | 6417019135519                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Catalog Description   | OTP90T4U 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. Cable entry holes to be made by the installer. The handle is padlockable and made for three padlocks. 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               | OTPK402014SBL.stp |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 200 mm |
| Product Net Height         | 400 mm |
| Product Net Depth / Length | 140 mm |
| Product Net Weight         | 2.2 kg |

## Technical

|                                                     |                                                                                                |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------|
| Rated Operational Current<br>AC-22A ( $I_e$ )       | (380 ... 415 V) 125 A<br>(500 V) 125 A<br>(690 V) 125 A                                        |
| Rated Operational Current<br>AC-23A ( $I_e$ )       | (380 ... 415 V) 90 A<br>(500 V) 70 A<br>(690 V) 50 A                                           |
| Rated Operational Power<br>AC-23A ( $P_e$ )         | (380 ... 415 V) 45 kW<br>(500 V) 45 kW<br>(690 V) 45 kW                                        |
| Conventional Thermal<br>Current ( $I_{the}$ )       | Fully Enclosed 125 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) 3.6 kA                                                                              |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )  | for 1 s 2.5 kA                                                                                 |
| Power Loss                                          | at Rated Operating Conditions per Pole 6.3 W                                                   |
| Pollution Degree                                    | 3                                                                                              |
| Handle Color                                        | Black                                                                                          |
| Handle Type                                         | Selector handle                                                                                |
| Standards                                           | IEC 60947-1, -3                                                                                |
| Number of Poles                                     | 4                                                                                              |
| Connecting Capacity Main<br>Circuit                 | Screw Clamp 10...70 mm <sup>2</sup><br>Screw Clamp / PE Terminal 4pcs, 10...70 mm <sup>2</sup> |
| Cable Entry Position                                | Up/Down                                                                                        |
| Cable Outlets Per Side                              | Blank / Blank                                                                                  |
| Degree of Protection                                | acc. to IEC 60529 IP65                                                                         |
| Enclosure Material                                  | Plastic                                                                                        |
| Maximum Mounted<br>Auxiliary Contacts               | 2 NO, 2 NC                                                                                     |
| Mounted Auxiliary<br>Contacts                       | 1 NO, 0 NC                                                                                     |

## 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          | 213 mm        |
| Package Level 1 Depth / Length | 417 mm        |
| Package Level 1 Height         | 197 mm        |
| Package Level 1 Gross Weight   | 2.4 kg        |
| Package Level 1 EAN            | 6417019135519 |

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) |

Categories

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

