

## PRODUCT-DETAILS

# OTP90A3M

## OTP90A3M Safety switch



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OTP90A3M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product ID            | 1SCA022812R3510                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| EAN                   | 6417019274515                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Catalog Description   | OTP90A3M Safety switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Long Description      | <p>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.</p> |

### 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               | OTPK402014SM50.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                                        | Red / Yellow                                                                                   |
| Handle Type                                         | Selector handle                                                                                |
| Standards                                           | IEC 60947-1, -3                                                                                |
| Number of Poles                                     | 3                                                                                              |
| 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                              | 2xM50+M16 / 2xM50+M16                                                                          |
| 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 |

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            | 6417019274515 |

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 (Norway)          | 1429409                                                    |

Categories

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

