

PRODUCT-DETAILS

# OTP16H3M1/10

## OTP16H3M1/10 Safety switch



### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | OTP16H3M1/10  |
| Product ID            | 1SCA022608R9750   |
| EAN                   | 6417019198279   |
| Catalog Description   | OTP16H3M1/10 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, both from top and bottom. The handle is padlockable and made for three padlocks. The switch is made for 5 wire system, and have a fixed neutral terminal and PE terminal. The cover is interlocked. Sold in 10 pack. |

### 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 |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 85 mm  |
| Product Net Height         | 120 mm |
| Product Net Depth / Length | 60 mm  |
| Product Net Weight         | 4 kg   |

## Technical

|  |   |
|--|---|
| Rated Operational Current AC-22A ( $I_e$ )       | (380 ... 415 V) 32 A<br>(500 V) 32 A<br>(690 V) 32 A  |
| Rated Operational Current AC-23A ( $I_e$ )       | (380 ... 415 V) 16 A<br>(500 V) 16 A<br>(690 V) 10 A  |
| Rated Operational Power AC-23A ( $P_e$ )         | (380 ... 415 V) 7.5 kW<br>(500 V) 7.5 kW<br>(690 V) 7.5 kW  |
| Conventional Thermal Current ( $I_{the}$ )       | Fully Enclosed 40 A   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )    | 0.5 kV  |
| Rated Insulation Voltage ( $U_i$ )               | acc. to IEC/EN 60664-1 750 V  |
| Rated Operational Voltage                        | Main Circuit 750 V  |
| Rated Short-Circuit Making Capacity ( $I_{cm}$ ) | (690 V AC) 0.705 kA   |
| Rated Short-time 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                                     | White   |
| Handle Type                                      | Selector handle   |
| Standards  | IEC 60947-1, -3   |
| Number of Poles                                  | 3   |
| Connecting Capacity Main Circuit                 | Screw Clamp 0.75...10 mm <sup>2</sup><br>Screw Clamp / PE Terminal 2pcs, 0.75...2.5 mm <sup>2</sup> |
| Cable Entry Position                             | Up/Down   |
| Cable Outlets Per Side                           | 2xM20 / 2xM20   |
| Degree of Protection                             | acc. to IEC 60529 IP65  |
| Enclosure Material                               | Plastic   |
| Maximum Mounted Auxiliary Contacts               | 1 NO, 1 NC  |
| Mounted Auxiliary 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             | 96 mm         |
| Package Level 1 Depth /<br>Length | 129 mm        |
| Package Level 1 Height            | 87 mm         |
| Package Level 1 Gross<br>Weight   | 4.1 kg        |
| Package Level 1 EAN               | 6417019198279 |

### 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 (Sweden)          | 3140130  |

### Categories

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

