

## PRODUCT-DETAILS

# OTP16KA3M251

## OTP16KA3M251 Safety switch



### General Information

|                       |                            |
|-----------------------|----------------------------|
| Extended Product Type | OTP16KA3M251               |
| Product ID            | 1SCA022699R4660            |
| EAN                   | 6417019223292              |
| Catalog Description   | OTP16KA3M251 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 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. Two membrane glands and two pull stoppers included.

### Ordering

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

### Popular Downloads

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

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 85 mm    |
| Product Net Height         | 120 mm   |
| Product Net Depth / Length | 60 mm    |
| Product Net Weight         | 0.335 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                                        | Red / Yellow                                                                                        |
| Handle Type                                         | Selector handle                                                                                     |
| Standards                                           | IEC 60947-1, -3                                                                                     |
| Number of Poles                                     | 3                                                                                                   |
| Connecting Capacity Main<br>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                              | 2xM25 / 2xM25                                                                                       |
| Degree of Protection                                | acc. to IEC 60529 IP65                                                                              |
| Enclosure Material                                  | Plastic                                                                                             |
| Maximum Mounted<br>Auxiliary Contacts               | 1 NO, 1 NC                                                                                          |
| Mounted Auxiliary<br>Contacts                       | 1 NO, 0 NC                                                                                          |

## Environmental

| 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             | 106 mm        |
| Package Level 1 Depth /<br>Length | 158 mm        |
| Package Level 1 Height            | 97 mm         |
| Package Level 1 Gross<br>Weight   | 0.4 kg        |
| Package Level 1 EAN               | 6417019223292 |

| 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 |  |

