

PRODUCT-DETAILS

OTP16T6M

OTP16T6M Safety switch



General Information

| | |
|-----------------------|------------------------|
| Extended Product Type | OTP16T6M |
| Product ID | 1SCA022401R1730 |
| EAN | 6417019131023 |
| Catalog Description | OTP16T6M 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 | OTPK151385SM25.stp |

Dimensions

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|----------------------------|--------|
| Product Net Width | 130 mm |
| Product Net Height | 150 mm |
| Product Net Depth / Length | 85 mm |
| Product Net Weight | 0.7 kg |

Technical

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|--|--|
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 32 A (500 V) 32 A (690 V) 32 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A |
| Rated Operational Power AC-23A (P_e) | (380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 40 A |
| 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 | Black |
| Handle Type | Selector 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 0.75 ... 10 mm ² Screw Clamp / PE Terminal 2pc, 1.5 ... 10 mm ² |
| Cable Cross-Section | 0.75 ... 10 mm ² |
| Cable Entry Position | Up/Down |
| Cable Outlets Per Side | 2xM25+M16 / 2xM25+M16 |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Impact Resistance Rating | Housing IK08 |
| Enclosure Type | OTP1 |
| Enclosure Material | Plastic |
| Maximum Mounted Auxiliary Contacts | 2 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 |

Environmental

RoHS Status

Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

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

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 142 mm |
| Package Level 1 Depth / Length | 167 mm |
| Package Level 1 Height | 130 mm |
| Package Level 1 Gross Weight | 0.8 kg |
| Package Level 1 EAN | 6417019131023 |

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) | 3642281 |
| E-Number (Norway) | 1428970 |
| E-Number (Sweden) | 3140170 |

Categories

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

