

PRODUCT-DETAILS

OTP36T6M

OTP36T6M Safety switch



| Extended Product Type | OTP36T6M |
|-----------------------|------------------------|
| Product ID | 1SCA022401R1900 |
| EAN | 6417019131047 |
| Catalog Description | OTP36T6M Safety switch |

Catalog Description

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 parallell 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 | OTPK201490PM32.stp |

| Dimensions | |
|----------------------------|--------|
| Product Net Width | 145 mm |
| Product Net Height | 200 mm |
| Product Net Depth / Length | 90 mm |
| Product Net Weight | 1.2 kg |

| Current AC-22A (la) (509 V) 63 A (690 V) 20 | | |
|--|--------------------------|--|
| Current AC-22A (la) (509 V) 63 A (500 V) 24 A (500 V) 25 | Technical | |
| Current AC-23A (Ie) (590 V) 9 A A (590 V) 9 A | · | |
| AC-23A (Pe) (500 V) 2 kW Conventional Thermal Current (Ithe) Fully Enclosed 80 A Current (Ithe) acc. to IEC/EN 60664-1750 V Rated Insulation Voltage (Ith) acc. to IEC/EN 60664-1750 V Rated Operational Voltage Main Circuit 750 V Rated Short-Circuit Making Capacity (Irm) (690 V AC) 2.1 kA Rated Short-time of Voltage for 1 s.1 s.4 k Withstand Current (Icw) for 1 s.1 s.4 k Power Loss at Rated Operating Conditions per Pole 4.5 W Power Loss at Rated Operating Conditions per Pole 4.5 W Pollution Degree 3 Handle Color Black Handle Type Pistol handle Position of Line Top In- Bottom Out Terminals Terminals Standards IEC 60947-1,-3 Number of Poles 6 Neutral Type Screw Clamp 15 m.25 mm² Connecting Capacity Screw Clamp 15 m.25 mm² Main Circuit Screw Clamp 15 m.25 mm² Cable Entry Position 1,5 m.25 mm² Cable Entry Position 2,2 M.22 mm² Cable Entry Position <td>·</td> <td>(380 415 V) 45 A (500 V) 45 A (690 V) 20 A</td> | · | (380 415 V) 45 A (500 V) 45 A (690 V) 20 A |
| Current (Ithe) Current (Ithe) Rated Insulation Voltage (UI) acc. to IEC/EN 60664-1750 V (UI) Rated Operational Voltage (VI) Main Circuit 750 V Voltage Rated Short-Circuit Making Capacity (Icm) (690 V AC) 2.1 kA Rated Short-time Withstand Current (Icw) for 1 s 1.5 kA Power Loss at Rated Operating Conditions per Pole 4.5 kW Power Loss at Rated Operating Conditions per Pole 4.5 kW Power Loss at Rated Operating Conditions per Pole 4.5 kW Power Loss at Rated Operating Conditions per Pole 4.5 kW Handle Type Piston Indice 1 Position of Line Top In - Bottom Out Terminals Top In - Bottom Out Standards IEC 60947-1, -3 Number of Poles Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Meutral Type Fixed neutral Cable Cross-Section Screw Clamp / PE Terminal 2pc, 15 35 mm² Cable Cross-Section 3.5 mm² Cable Entry Position 9.0 mm² Cable Cross-Section 3.5 mm² Cable Cross-Section 3.5 mm² Cable Cross- | · | (500 V) 22 kW |
| Rated Operational | | Fully Enclosed 80 A |
| Voltage Rated Short-Circuit (690 V AC) 2.1 kA Making Capacity (1cm) (690 V AC) 2.1 kA Making Capacity (1cm) Rated Short-time (bow) for 1 s.1.5 kA Withstand Current (1cw) Power Loss at Rated Operating Conditions per Pole 4.5 w Pollution Degree 3 Handle Color Black Handle Type Pistol handle Position of Line Top In - Bottom Out Terminals Standards IEC 60947-1, -3 Number of Poles 6 Neutral Type 6 Connecting Capacity Screw Clamp 1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc, 1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Entry Position Up/Down Cable Entry Position 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IK08 Rating Plastic Maximum Mounted 1 NO, 1 NC Auxiliary Contacts 1 NO, 2 NC Number of Auxiliary 1 NO, 2 NC Contacts NC 1 Number of Auxil | | acc. to IEC/EN 60664-1 750 V |
| Making Capacity (Icm) for 1 s 1.5 kA Rated Short-time for 1 s 1.5 kA Withstand Current (Icw) for 1 s 1.5 kA Power Loss at Rated Operating Conditions per Pole 4.5 W Pollution Degree 3 Handle Color Black Handle Type Pistol handle Position of Line Top In - Bottom Out Terminals IEC 60947-1, -3 Standards IEC 60947-1, -3 Number of Poles Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc, 1.5 35 mm² Cable Cross-Section Up/Down Cable Cross-Section Up/Down Cable Cutters Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IKoR Rating Plastic Maximum Mounted 1NO, 1NC Auxiliary Contacts 1NO, 0 NC Contacts NC Number of Auxiliary 1 NO, 0 NC Contacts NC 1 Number of Auxiliary 1 NO, 0 NC Position of Neutral Top In - Bottom Out For income of Neutral Top In - Bottom Out Contacts NO Top In - Bottom Out | | Main Circuit 750 V |
| Withstand Current (Icw) Power Loss at Rated Operating Conditions per Pole 4.5 W Pollution Degree 3 Handle Color Black Handle Type Pistol handle Position of Line Top In - Bottom Out Terminals Standards IEC 60947-1, -3 Number of Poles IEC 60947-1, -3 Number of Poles Secrew Clamp 1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc,1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc,1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Cross-Section 2.5 35 mm² Cable Litty Position Up/Down Cable Cuttets Per Side 2xM32+M16 (2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IK08 Rating Enclosure Material Plastic Maximum Mounted Auxiliary Contacts Mounted Auxiliary Mounted Auxiliary Contacts NC Number of Auxiliary Number of Auxiliary Contacts NC Number of Auxiliary Position of Neutral Top In - Bottom Out Terminals | | (690 V AC) 2.1 kA |
| Pollution Degree 3 Handle Color Black Handle Type Pistol handle Position of Line Top In - Bottom Out Terminals Top In - Bottom Out Standards IEC 60947-1, -3 Number of Poles 6 Neutral Type Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc,1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Entry Position Up/Down Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IK08 Rating Plastic Maximum Mounted 1 NO, 1 NC Auxiliary Contacts 1 NO, 2 NC Mounted Auxiliary 0 Contacts NC 0 Number of Auxiliary 0 Contacts NO 1 Position of Neutral Top In - Bottom Out Top In - Bottom Out Top In - Bottom Out | | for 1 s 1.5 kA |
| Handle Color Black Handle Type Pistol handle Position of Line Trop In - Bottom Out Terminals Top In - Bottom Out Terminals Standards IEC 60947-1, -3 Number of Poles 6 Neutral Type Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc, 1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Entry Position Up/Down Cable Cottlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IK08 Rating Plastic Maximum Mounted 1 NO, 1 NC Auxiliary Contacts 1 NO, 2 NC Mounted Auxiliary 1 NO, 0 NC Contacts NC Number of Auxiliary 0 Number of Auxiliary 0 Contacts NC 1 Position of Neutral Top In - Bottom Out Formula Top In - Bottom Out | Power Loss | at Rated Operating Conditions per Pole 4.5 W |
| Handle Type Pistol handle Position of Line Top In - Bottom Out Terminals Standards IEC 60947-1,-3 Number of Poles Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Screw Clamp / PE Terminal 2pc,1.5 35 mm² Cable Entry Position Up/Down Cable Entry Position Up/Down Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Rating Enclosure Material Plastic Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Ontocts Number of Auxiliary Ontocts Number of Auxiliary Ontacts NC Number of Auxiliary Top In - Bottom Out Terminals | Pollution Degree | 3 |
| Position of Line Top In - Bottom Out Terminals Standards IEC 60947-1, -3 Number of Poles 6 Neutral Type Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc, 1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Entry Position Up/Down Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IK08 Rating Enclosure Material Plastic Maximum Mounted 1NO, 1NC Auxillary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NC Position of Neutral For In - Bottom Out Terminals | Handle Color | Black |
| Terminals Standards IEC 60947-1, -3 Number of Poles Neutral Type Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc, 1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Cross-Section Up/Down Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IK08 Rating Enclosure Material Plastic Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Position of Neutral Position of Neutral Top In - Bottom Out Terminals | Handle Type | Pistol handle |
| Number of Poles Neutral Type Fixed neutral Connecting Capacity Main Circuit Connecting Capacity Main Circuit Screw Clamp 1.5 35 mm² Screw Clamp / PE Terminal 2pc,1.5 35 mm² Cable Cross-Section Cable Entry Position Cable Entry Position Cable Outlets Per Side Degree of Protection Cac. to IEC 60529 IP65 Impact Resistance Rating Enclosure Material Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NC Position of Neutral Position of Neutral Top In - Bottom Out Terminals | | Top In - Bottom Out |
| Neutral Type Connecting Capacity Screw Clamp 1.5 35 mm² Screw Clamp / PE Terminal 2pc,1.5 35 mm² Cable Cross-Section Cable Entry Position Cable Outlets Per Side Degree of Protection Cable Outlets Per Side Degree of Protection Cacc. to IEC 60529 IP65 Impact Resistance Rating Enclosure Material Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Top In - Bottom Out Terminals | Standards | IEC 60947-1, -3 |
| Connecting Capacity Main Circuit Screw Clamp 1.5 35 mm² Screw Clamp / PE Terminal 2pc,1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Entry Position Up/Down Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Rating Enclosure Material Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Top In - Bottom Out Terminals | Number of Poles | 6 |
| Main Circuit Screw Clamp / PE Terminal 2pc,1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Entry Position Up/Down Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IK08 Rating Enclosure Material Plastic Maximum Mounted 1 NO, 1 NC Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Top In - Bottom Out Terminals | Neutral Type | Fixed neutral |
| Cable Entry Position Up/Down Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Rating Enclosure Material Plastic Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Top In - Bottom Out Terminals | | · |
| Cable Outlets Per Side | Cable Cross-Section | 1.5 35 mm² |
| Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Rating Enclosure Material Plastic Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals acc. to IEC 60529 IP65 IROS 60529 | Cable Entry Position | Up/Down |
| Impact Resistance Rating Enclosure Material Plastic Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals Housing IK08 Plastic I NO, 1 NC I NO, 1 NC I NO, 0 NC I NO Top In - Bottom Out Terminals | Cable Outlets Per Side | 2xM32+M16 / 2xM32+M16 |
| Rating Enclosure Material Plastic Maximum Mounted 1 NO, 1 NC Auxiliary Contacts Mounted Auxiliary 1 NO, 0 NC Contacts Number of Auxiliary 0 Contacts NC Number of Auxiliary 1 Contacts NC Number of Auxiliary 1 Contacts NO Position of Neutral 1 Top In - Bottom Out Terminals | Degree of Protection | acc. to IEC 60529 IP65 |
| Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals 1 NO, 1 NC 1 NO, 0 NC 1 NO, 1 NC | | Housing IK08 |
| Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals 1 NO, 0 NC 1 NO, 0 NC 1 NO, 0 NC 1 NO, 0 NC 1 Top In - Bottom Out | Enclosure Material | Plastic |
| Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals O Top In - Bottom Out | | 1 NO, 1 NC |
| Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals O Top In - Bottom Out | Mounted Auxiliary | 1 NO, 0 NC |
| Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals Top In - Bottom Out | Contacts | |
| Contacts NO Position of Neutral Terminals Top In - Bottom Out | <u> </u> | 0 |
| Terminals | | 1 |
| Position of PE Terminals Top In - Bottom Out | | Top In - Bottom Out |
| | Position of PE Terminals | Top In - Bottom Out |

Environmental

| RoHS Status | Following EU Directive 2011/65/EU |
|-------------|-----------------------------------|
| KONS Status | Following Ed Directive 2011/05/Ed |

| 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 | |
|---------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 162 mm |
| Package Level 1 Depth / Length | 222 mm |
| Package Level 1 Height | 148 mm |
| Package Level 1 Gross Weight | 1.3 kg |
| Package Level 1 EAN | 6417019131047 |

| Classifications | |
|-----------------------|--|
| Object Classification | Q |
| Code | |
| ETIM 5 | EC000216 - Switch disconnector |
| ETIM 6 | EC000216 - Switch disconnector |
| ETIM 7 | EC000216 - Switch disconnector |
| ETIM 8 | EC000216 - Switch disconnector |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3642285 |
| E-Number (Norway) | 1428001 |
| E-Number (Sweden) | 3140174 |

Categories

 $Low\ Voltage\ Products\ and\ Systems \rightarrow Enclosed\ Switches \rightarrow Enclosed\ Safety\ Switches \rightarrow Enclosed\ Safety\ Switches$

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