PRODUCT-DETAILS

# OTP16T3MH

# OTP16T3MH Safety switch



## General Information

| | |
|---|---|
| Extended Product Type | OTP16T3MH |
| Product ID | 1SCA022865R2850 |
| EAN | 6417019334868 |
| Catalog Description | OTP16T3MH Safety switch |
| Long Description | Safety switch, 3-p. 415V AC23 16A, 7.5kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. Black Selector handle. Interlocked cover. 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. |

## Material Compliance

| | |
|---|---|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 1SCC340076D0201 |
| RoHS Declaration | 1SCC340075D0201 |
| RoHS Information | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

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| | |
|---|---|
| Toxic Substances Control Act - TSCA | 1SCC340095D0201 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340002M0012 |
| Mechanical Drawings | OTPK151385SM25.stp |

## Environmental

| | |
|---|---|
| Degree of Protection | acc. to IEC 60529 IP65 |
| Pollution Degree | 3 |

## Ordering

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|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363030 |
| Last Ordering Date | 2026-08-31 All Countries |
| Replacement Product ID (NEW) | OTP16GT3M |
| Country or Territory of Origin | Finland |

## Dimensions

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|---|---|
| Product Net Width | 130 mm |
| Product Net Height | 150 mm |
| Product Net Depth / Length | 60 mm |
| Product Net Weight | 0.435 kg |

## 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 | 0.5 kg |
| Package Level 1 EAN | 6417019334868 |

## Technical

| | |
|---|---|
| Cable Cross-Section | 0.75 ... 10 mm² |
| Cable Entry Position | Top and/or Bottom |
| Cable Outlets Per Side | 2xM25+M16 / 2xM25+M16 |
| Color | RAL7035 |
| Connecting Capacity Main Circuit | Screw Clamp 0.75 ... 10 mm²<br>Screw Clamp / PE Terminal 2pc,1.5 ... 10 mm² |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 40 A |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Enclosure Material | Plastic |

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| | |
|---|---|
| Handle Color | Black |
| Handle Type | Selector handle |
| Impact Resistance Rating | Housing IK08 |
| Maximum Mounted Auxiliary Contacts | 2 NO, 2 NC |
| Mounted Auxiliary Contacts | 1 NO, 0 NC |
| Neutral Type | Fixed Neutral |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 1 |
| Number of Poles | 3P |
| Pollution Degree | 3 |
| Power Loss | at Rated Operating Conditions per Pole 1.6 W |
| Rated Insulation Voltage ($U_i$) | acc. to IEC/EN 60664-1 750 V |
| 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 |
| 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 Low Voltage ($I_{cw}$) | for 1 s 0.5 kA |
| Standards | IEC 60947-1, -3 |
| Tightening Torque | Main Circuit 0.8 N·m |
| Wire Stripping Length | 10 mm |

## Technical UL/CSA

| | |
|---|---|
| Wire Stripping Length | 10 mm |
| Tightening Torque | Main Circuit 0.8 N·m |

## Certificates and Declarations

| | |
|---|---|
| BV Certificate | 1SCC340018D0204 |
| Declaration of Conformity - CE | 1SCC340003D2704 |
| DNV GL Certificate | 1SCC340045D0203 |

## External Classifications and Standards

| | |
|---|---|
| Object Classification Code | Q |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| ETIM 10 | EC000216 - Switch disconnector (AC) |
| UNSPSC | 39122205 |
| IDEA Granular Category Code (IGCC) | 5166 >> Safety switch |
| eClass | V11.1 : 27371403 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

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## Categories

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





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