



PRODUCT-DETAILS

OTP16H3M251

OTP16H3M251 Safety switch



General Information

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|-----------------------|---|
| Extended Product Type | OTP16H3M251 |
| Product ID | 1SCA022699R3340 |
| EAN | 6417019223162 |
| Catalog Description | OTP16H3M251 Safety switch |
| Long Description | Safety switch, 3-p. 415V AC23 16A, 7.5kW. Plastic enclosure. IP65. White 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 parallel cables, both from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. 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. |

Material Compliance

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| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 1SCC340076D0201 |
| RoHS Declaration | 1SCC340075D0201 |

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|-------------------------------------|--|
| RoHS Information | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340002M0012 |

Environmental

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|----------------------|------------------------|
| 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) | BWS316WFTPN |
| Country or Territory of Origin | Finland |

Dimensions

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| Product Net Width | 85 mm |
| Product Net Height | 120 mm |
| Product Net Depth / Length | 60 mm |
| Product Net Weight | 0.4 kg |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 106 mm |
| Package Level 1 Depth / Length | 158 mm |
| Package Level 1 Height | 97 mm |
| Package Level 1 Gross Weight | 0.5 kg |
| Package Level 1 EAN | 6417019223162 |

Technical

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|----------------------------------|--|
| Cable Cross-Section | 0.75 ... 10 mm ² |
| Cable Entry Position | Top and/or Bottom |
| Cable Outlets Per Side | 2xM25 / 2xM25 |
| Color | RAL9001 |
| Connecting Capacity Main Circuit | Screw Clamp 0.75 ... 10 mm ² Screw Clamp / PE Terminal 2pc, 0.75 ... 2.5 mm ² |

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|---|--|
| Conventional Thermal Current (I_{the}) | Fully Enclosed 40 A |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Enclosure Material | Plastic |
| Handle Color | White |
| Handle Type | Selector handle |
| Impact Resistance Rating | Housing IK08 |
| Maximum Mounted Auxiliary Contacts | 1 NO, 1 NC |
| Mounted Auxiliary Contacts | 0 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 Impulse Withstand Voltage (U_{imp}) | 0.5 kV |
| 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 (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 |
| 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

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

Certificates and Declarations

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

External Classifications and Standards

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|------------------------------------|--|
| Object Classification Code | Q |
| ETIM 9 | EC000216 - Switch disconnecter (low voltage) |
| ETIM 10 | EC000216 - Switch disconnecter (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) |
| E-Number (Finland) | 3642231 |
| E-Number (Sweden) | 3140143 |

Categories

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

