PRODUCT-DETAILS

# OTE90T6M

# OTE90T6M EMC safety switch



## General Information

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|---|---|
| Extended Product Type | OTE90T6M |
| Product ID | 1SCA022812R5810 |
| EAN | 6417019274744 |
| Catalog Description | OTE90T6M EMC safety switch |
| Long Description | The enclosure in the OTE 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 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. The EMC protection is utilized by a metal plate in the bottom, connected to the cable shield with clamps, included in the delivery. No EMC glands needed. |

## Ordering

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

## Popular Downloads

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

| Information | |
|---|---|
| Instructions and Manuals | 1SCC340003M0016 |

## Dimensions

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| Product Net Width | 200 mm |
| Product Net Height | 400 mm |
| Product Net Depth / Length | 140 mm |
| Product Net Weight | 4.2 kg |

## Technical

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| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 125 A<br>(500 V) 125 A<br>(690 V) 125 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 90 A<br>(500 V) 70 A<br>(690 V) 50 A |
| Rated Operational Power AC-23A ($P_e$) | (380 ... 415 V) 45 kW<br>(500 V) 45 kW<br>(690 V) 45 kW |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 125 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) 3.6 kA |
| Rated Short-time Withstand Current ($I_{cw}$) | for 1 s 2.5 kA |
| Power Loss | at Rated Operating Conditions per Pole 6.3 W |
| Pollution Degree | 3 |
| Handle Color | Black |
| Handle Type | Pistol handle |
| Standards | IEC 60947-1, -3 |
| Special Functions | EMC |
| Number of Poles | 6 |
| Connecting Capacity Main Circuit | Screw Clamp 10…70 mm²<br>Screw Clamp / PE Terminal 4pcs, 10…70 mm² |
| Cable Entry Position | Up/Down |
| Cable Outlets Per Side | 2xM50+M16 / 2xM50+M16 |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Impact Resistance Rating | Housing IK08 |
| Enclosure Material | Plastic |
| Maximum Mounted Auxiliary Contacts | 2 NO, 2 NC |
| Mounted Auxiliary Contacts | 1 NO, 0 NC |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary | 1 |

| | |
|---|---|
| Contacts NO | |

## Environmental

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| RoHS Status | Following EU Directive 2011/65/EU |

## Certificates and Declarations (Document Number)

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|---|---|
| BV Certificate | 1SCC340018D0204 |
| Declaration of Conformity - CE | 1SCC340004D2705 |
| DNV GL Certificate | 1SCC340045D0204 |
| Instructions and Manuals | 1SCC340003M0016 |
| RoHS Information | 1SCC340066D0201 |

## Container Information

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|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 213 mm |
| Package Level 1 Depth / Length | 417 mm |
| Package Level 1 Height | 197 mm |
| Package Level 1 Gross Weight | 4.4 kg |
| Package Level 1 EAN | 6417019274744 |

## Classifications

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|---|---|
| Object Classification Code | Q |
| ETIM 5 | EC000216 - Switch disconnector |
| ETIM 6 | EC000216 - Switch disconnector |
| ETIM 7 | EC000216 - Switch disconnector |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3642887 |

## Categories

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



