PRODUCT-DETAILS

# OTE25TL3M

# OTE25TL3M EMC safety switch



## General Information

| | |
|---|---|
| Extended Product Type | OTE25TL3M |
| Product ID | 1SCA022614R0290 |
| EAN | 6417019200118 |
| Catalog Description | OTE25TL3M 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 handle is lockable in ON and OFF position. 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 Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340003M0016 |
| Mechanical Drawings | OTPK201490SM32.stp |

## Dimensions

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|---|---|
| Product Net Width | 145 mm |
| Product Net Height | 200 mm |
| Product Net Depth / Length | 90 mm |
| Product Net Weight | 0.8 kg |

## Technical

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|---|---|
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 45 A<br>(500 V) 45 A<br>(690 V) 45 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 30 A<br>(500 V) 30 A<br>(690 V) 20 A |
| Rated Operational Power AC-23A ($P_e$) | (380 ... 415 V) 15 kW<br>(500 V) 15 kW<br>(690 V) 15 kW |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 63 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) 1.4 kA |
| Rated Short-time Withstand Current ($I_{cw}$) | for 1 s 1 kA |
| Power Loss | at Rated Operating Conditions per Pole 2.8 W |
| Pollution Degree | 3 |
| Handle Color | Black |
| Handle Type | Selector handle |
| Position of Line Terminals | Top In - Bottom Out |
| Standards | IEC 60947-1, -3 |
| Special Functions | EMC |
| Number of Poles | 3 |
| Connecting Capacity Main Circuit | Screw Clamp 1.5…35 mm²<br>Screw Clamp / PE Terminal 2pcs, 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 | Housing IK08 |
| Enclosure Material | Plastic |
| Maximum Mounted Auxiliary Contacts | 2 NO, 2 NC |
| Mounted Auxiliary | 1 NO, 0 NC |

| Contacts | |
|---|---|
| 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 | 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 | 162 mm |
| Package Level 1 Depth / Length | 222 mm |
| Package Level 1 Height | 148 mm |
| Package Level 1 Gross Weight | 0.9 kg |
| Package Level 1 EAN | 6417019200118 |

## Classifications

| | |
|---|---|
| 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) |

## Categories

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




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