



PRODUCT-DETAILS

# OTL45B3M

## OTL45B3M Enclosed Switch Disconnecter



| General Information   |   |
|-----------------------|---|
| Extended Product Type | OTL45B3M  |
| Product ID            | 1SCA022562R4790   |
| EAN                   | 6417019180281   |
| Catalog Description   | OTL45B3M Enclosed Switch Disconnecter   |
| Long Description      | Encl. Switch Disconnecter, 3-p. 415V AC23 45A, 22kW. Steel sheet enclosure. IP65. Black Selector handle. Interlocked cover. Defeatable interlocking. The enclosure of the OTL series is made of rigid alu-zinc coated steel with polyester powder coating. The enclosure has a hinged door, with door lock. The cover is interlocked, and can not be opened when switch is on. The interlock function can be defeated for thermographing. Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water exposure and Immersion in accordance with UL746C. The cable entries are of knock out types. Neutral and PE terminal included. |

| Circular Value                              |                 |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration                           | 1SCC340076D0201 |
| RoHS Information                            | 1SCC340075D0201 |
| Toxic Substances Control Act - TSCA         | 1SCC340095D0201 |

Ordering

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

Popular Downloads

|                                   |                   |
|-----------------------------------|-------------------|
| Data Sheet, Technical Information | 1SCC340015C0201   |
| Instructions and Manuals          | 1SCC340006M0013   |
| Mechanical Drawings               | OTLK201510S32.stp |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 150 mm |
| Product Net Height         | 200 mm |
| Product Net Depth / Length | 100 mm |
| Product Net Weight         | 1.8 kg |

Technical

|   |   |
|---|---|
| Rated Operational Current AC-21A ( $I_e$ )                  | (380 ... 415 V) 63 A<br>(500 V) 63 A<br>(690 V) 63 A  |
| Rated Operational Current AC-22A ( $I_e$ )                  | (380 ... 415 V) 63 A<br>(690 V) 63 A  |
| Rated Operational Current AC-23A ( $I_e$ )                  | (380 ... 415 V) 45 A<br>(500 V) 45 A<br>(690 V) 20 A  |
| Rated Operational Power AC-23A ( $P_e$ )                    | (380 ... 415 V) 22 kW<br>(500 V) 22 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 Low Voltage ( $I_{cw}$ ) | for 1 s 1 kA  |
| Power Loss  | at Rated Operating Conditions per Pole 1.5 W  |
| Pollution Degree  | 3   |
| Handle Color  | Black   |
| Handle Type   | Selector handle   |
| Position of Line Terminals                                  | Top In - Bottom Out   |
| Standards   | IEC 60947-1, -3   |
| Number of Poles   | 3   |
| Neutral Type  | Detachable neutral  |
| Connecting Capacity Main Circuit                            | Screw Clamp 1.5 ... 35 mm <sup>2</sup><br>Screw Clamp / PE Terminal 2pc, 1.5 ... 25 mm <sup>2</sup> |
| Cable Cross-Section   | 1.5 ... 35 mm <sup>2</sup>  |
| Wire Stripping Length                                       | 13 mm   |
| Recommended Screw Driver                                    | Main Circuit Pozidriv 2   |
| Cable Entry Position  | Top and/or Bottom   |
| Cable Outlets Per Side                                      | 2xø32.5+ø16.5 / 2xø32.5+ø16.5   |

|                                    |                        |
|------------------------------------|------------------------|
| Degree of Protection               | acc. to IEC 60529 IP65 |
| Impact Resistance Rating           | Housing IK09           |
| Enclosure Material                 | Steel sheet            |
| Maximum Mounted Auxiliary Contacts | 1 NO, 2 NC             |
| Mounted Auxiliary Contacts         | 0 NO, 0 NC             |
| Number of Auxiliary Contacts NC    | 0                      |
| Number of Auxiliary Contacts NO    | 0                      |
| Position of Neutral Terminals      | Top In - Bottom Out    |
| Position of PE Terminals           | Top In - Bottom Out    |
| Tightening Torque                  | Main Circuit 2 N·m     |

Technical UL/CSA

|                          |                         |
|--------------------------|-------------------------|
| Wire Stripping Length    | 13 mm                   |
| Recommended Screw Driver | Main Circuit Pozidriv 2 |
| Tightening Torque        | Main Circuit 2 N·m      |

Environmental

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| RoHS Status                         | Following EU Directive 2011/65/EU |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201                   |

Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC340005D2704 |
| REACH Declaration              | 1SCC340076D0201 |

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   | 1.9 kg        |
| Package Level 1 EAN            | 6417019180281 |

Classifications

|                            |  |
|----------------------------|--|
| Object Classification Code | Q  |
| ETIM 7                     | EC000216 - Switch disconnecter                             |
| ETIM 8                     | EC000216 - Switch disconnecter                             |
| ETIM 9                     | EC000216 - Switch disconnecter (low voltage)               |
| eClass                     | V11.1 : 27371403   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

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## Categories

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Low Voltage Products and Systems → Enclosed Switches → Enclosed Switch-Disconnectors → Enclosed Switch-Disconnectors

