PRODUCT-DETAILS

# OTL45BA6B

## OTL45BA6B Enclosed Switch Disconnector



### General Information

| | |
|---|---|
| Extended Product Type | OTL45BA6B |
| Product ID | 1SCA022610R5110 |
| EAN | 6417019198590 |
| Catalog Description | OTL45BA6B Enclosed Switch Disconnector |
| Long Description | Encl. Switch Disconnector, 6-p. 415V AC23 45A, 22kW. Steel sheet enclosure. IP65. RedYellow Pistol 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. |

### Material Compliance

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

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

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340006M0013 |
| Mechanical Drawings | OTLK302013PBB.stp |

## Environmental

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

## Ordering

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

## Dimensions

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|---|---|
| Product Net Width | 200 mm |
| Product Net Height | 300 mm |
| Product Net Depth / Length | 135 mm |
| Product Net Weight | 3.3 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 212 mm |
| Package Level 1 Depth / Length | 313 mm |
| Package Level 1 Height | 191 mm |
| Package Level 1 Gross Weight | 3.5 kg |
| Package Level 1 EAN | 6417019198590 |

## Technical

| | |
|---|---|
| Cable Cross-Section | 1.5 ... 35 $mm^2$ |
| Cable Entry Position | Top and/or Bottom |
| Cable Outlets Per Side | B-flange / B-flange |
| Connecting Capacity Main Circuit | Screw Clamp 1.5 ... 35 $mm^2$<br>Screw Clamp / PE Terminal 2pc,10 ... 70 $mm^2$ |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 63 A |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Enclosure Material | Steel sheet |

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| | |
|---|---|
| Handle Color | Red / Yellow |
| Handle Type | Pistol handle |
| Impact Resistance Rating | Housing IK09 |
| Maximum Mounted Auxiliary Contacts | 1 NO, 1 NC |
| Mounted Auxiliary Contacts | 0 NO, 0 NC |
| Neutral Type | Detachable neutral |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 0 |
| Number of Poles | 6P |
| Pollution Degree | 3 |
| Position of Line Terminals | Top In - Bottom Out |
| Position of Neutral Terminals | Top In - Bottom Out |
| Position of PE Terminals | Top In - Bottom Out |
| Power Loss | at Rated Operating Conditions per Pole 1.5 W |
| Rated Insulation Voltage ($U_i$) | acc. to IEC/EN 60664-1 750 V |
| Rated Operational Current AC-21A ($I_e$) | (500 V) 63 A<br>(380 ... 415 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 |
| 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 |
| Recommended Screw Driver | Main Circuit Pozidriv 2 |
| Standards | IEC 60947-1, -3 |
| Tightening Torque | Main Circuit 2 N·m |
| Wire Stripping Length | 13 mm |

## Technical UL/CSA

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

## Certificates and Declarations

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

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## Classifications

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|---|---|
| Object Classification Code | Q |
| ETIM 8 | EC000216 - Switch disconnector |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| 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) |

## Categories

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





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