

PRODUCT-DETAILS

# OTP32BA6M

## OTP32BA6M Enclosed Switch Disconnecter




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### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | OTP32BA6M                              |
| Product ID            | 1SCA022401R7000                        |
| EAN                   | 6417019131559                          |
| Catalog Description   | OTP32BA6M Enclosed Switch Disconnecter |

Long Description

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 and one control cable, both from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. 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.

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### Ordering

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

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### Popular Downloads

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

Instructions and Manuals

1SCC340002M0012

Mechanical Drawings

OTPK151385SM25.stp

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 130 mm |
| Product Net Height         | 150 mm |
| Product Net Depth / Length | 85 mm  |
| Product Net Weight         | 0.7 kg |

## Technical

|  |   |
|--|---|
| Rated Operational Current AC-21A ( $I_e$ )       | (500 V) 40 A<br>(380 ... 415 V) 40 A<br>(690 V) 40 A  |
| Rated Operational Current AC-22A ( $I_e$ )       | (380 ... 415 V) 32 A<br>(690 V) 32 A  |
| Rated Operational Current AC-23A ( $I_e$ )       | (380 ... 415 V) 23 A<br>(690 V) 12 A  |
| Rated Operational Power AC-23A ( $P_e$ )         | (380 ... 415 V) 11 kW<br>(500 V) 11 kW<br>(690 V) 11 kW   |
| Conventional Thermal Current ( $I_{the}$ )       | Fully Enclosed 40 A   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )    | 0.5 kV  |
| 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) 0.705 kA   |
| Rated Short-time Withstand Current ( $I_{cw}$ )  | for 1 s 0.5 kA  |
| Power Loss                                       | at Rated Operating Conditions per Pole 1.6 W  |
| Pollution Degree                                 | 3   |
| Handle Color                                     | Red / Yellow  |
| Handle Type                                      | Selector handle   |
| Position of Line Terminals                       | Top In - Bottom Out   |
| Standards  | IEC 60947-1, -3   |
| Number of Poles                                  | 6   |
| Connecting Capacity Main Circuit                 | Screw Clamp 0.75...10 mm <sup>2</sup><br>Screw Clamp / PE Terminal 2pcs, 1.5...10 mm <sup>2</sup> |
| Cable Entry Position                             | Up/Down   |
| Cable Outlets Per Side                           | 2xM25+M16 / 2xM25+M16   |
| Degree of Protection                             | acc. to IEC 60529 IP65  |
| Enclosure Material                               | Plastic   |
| Maximum Mounted Auxiliary Contacts               | 2 NO, 1 NC  |
| Mounted Auxiliary Contacts                       | 0 NO, 0 NC  |

|                               |                     |
|-------------------------------|---------------------|
| Position of Neutral Terminals | Top In - Bottom Out |
|-------------------------------|---------------------|

|                          |                     |
|--------------------------|---------------------|
| Position of PE Terminals | Top In - Bottom Out |
|--------------------------|---------------------|

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## Environmental

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

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## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| BV Certificate                 | 1SCC340018D0204 |
| Declaration of Conformity - CE | 1SCC340003D2704 |
| DNV GL Certificate             | 1SCC340045D0204 |
| Instructions and Manuals       | 1SCC340002M0012 |
| RoHS Information               | 1SCC340034D0203 |

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## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 142 mm        |
| Package Level 1 Depth / Length | 167 mm        |
| Package Level 1 Height         | 130 mm        |
| Package Level 1 Gross Weight   | 0.8 kg        |
| Package Level 1 EAN            | 6417019131559 |

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## Classifications

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

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## Categories

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

