



PRODUCT-DETAILS

# OTP100BA3M

## OTP100BA3M Enclosed Switch Disconnecter



| General Information   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OTP100BA3M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product ID            | 1SCA126069R1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| EAN                   | 6417019560687                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Catalog Description   | OTP100BA3M Enclosed Switch Disconnecter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Long Description      | <p>Encl. Switch Disconnecter, 3-p. 415V AC23 80A, 37kW. Plastic enclosure. IP65. RedYellow Selector handle. Interlocked cover. Defeatable interlocking. 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.</p> <p>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 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.</p> |

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

Act - TSCA

Ordering

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

Popular Downloads

|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 1SCC340015C0201    |
| Instructions and Manuals          | 1SCC340002M0012    |
| Mechanical Drawings               | OTPK402014SM50.stp |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 200 mm |
| Product Net Height         | 400 mm |
| Product Net Depth / Length | 140 mm |
| Product Net Weight         | 2.2 kg |

Technical

|                                                             |                                                                                                   |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Rated Operational Current AC-22A ( $I_e$ )                  | (380 ... 415 V) 100 A<br>(690 V) 100 A                                                            |
| Rated Operational Current AC-23A ( $I_e$ )                  | (380 ... 415 V) 80 A<br>(500 V) 60 A<br>(690 V) 40 A                                              |
| Rated Operational Power AC-23A ( $P_e$ )                    | (380 ... 415 V) 37 kW<br>(500 V) 37 kW<br>(690 V) 37 kW                                           |
| Conventional Thermal Current ( $I_{the}$ )                  | Fully Enclosed 115 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 Low Voltage ( $I_{cw}$ ) | for 1 s 2.5 kA                                                                                    |
| Power Loss                                                  | at Rated Operating Conditions per Pole 4 W                                                        |
| Pollution Degree                                            | 3                                                                                                 |
| Handle Color                                                | Red / Yellow                                                                                      |
| Handle Type                                                 | Selector handle                                                                                   |
| Standards                                                   | IEC 60947-1, -3                                                                                   |
| Number of Poles                                             | 3                                                                                                 |
| Neutral Type                                                | Fixed neutral                                                                                     |
| Connecting Capacity Main Circuit                            | Screw Clamp 10 ... 70 mm <sup>2</sup><br>Screw Clamp / PE Terminal 4pc, 10 ... 70 mm <sup>2</sup> |
| Cable Cross-Section                                         | 10 ... 70 mm <sup>2</sup>                                                                         |
| Wire Stripping Length                                       | 20 mm                                                                                             |
| Recommended Screw Driver                                    | Main Circuit Hexagon 4                                                                            |
| Cable Entry Position                                        | Top and/or Bottom                                                                                 |
| 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         | 0 NO, 0 NC         |
| Number of Auxiliary Contacts NC    | 0                  |
| Number of Auxiliary Contacts NO    | 0                  |
| Tightening Torque                  | Main Circuit 6 N·m |

Technical UL/CSA

|                          |                        |
|--------------------------|------------------------|
| Wire Stripping Length    | 20 mm                  |
| Recommended Screw Driver | Main Circuit Hexagon 4 |
| Tightening Torque        | Main Circuit 6 N·m     |

Environmental

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

Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| BV Certificate                 | 1SCC340018D0204 |
| Declaration of Conformity - CE | 1SCC340003D2704 |
| DNV GL Certificate             | 1SCC340045D0203 |
| REACH Declaration              | 1SCC340076D0201 |

Container Information

|                                |               |
|--------------------------------|---------------|
| 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   | 2.4 kg        |
| Package Level 1 EAN            | 6417019560687 |

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

