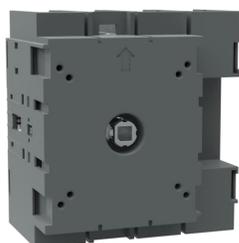


PRODUCT-DETAILS

# OT125FT4N1

## OT125FT4N1 SWITCH-DISCONNECTOR



### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | OT125FT4N1  |
| Product ID            | 1SCA105067R1001   |
| EAN                   | 6417019391977   |
| Catalog Description   | OT125FT4N1 SWITCH-DISCONNECTOR  |
| Long Description      | 4-pole, front operated, door mounted, switch-diconnector / non-fusible diconnect switch with front protected clamp terminals, handle and shaft are not included |

### Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85365080     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 1SCC301020C0201    |
| Instructions and Manuals          | 1SCC301057M0007    |
| Mechanical Drawings               | OT100-125FT4N1.igs |

### Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 96.5 mm |
| Product Net Height         | 100 mm  |
| Product Net Depth / Length | 66.5 mm |
| Product Net Weight         | 0.5 kg  |

## Technical

|  |  |
|--|--|
| Rated Operational Current AC-21A ( $I_e$ )         | (380 ... 415 V) 125 A<br>(500 V) 125 A<br>(690 V) 125 A                          |
| Rated Operational Current AC-22A ( $I_e$ )         | (380 ... 415 V) 125 A<br>(500 V) 125 A<br>(690 V) 125 A                          |
| Rated Operational Current AC-23A ( $I_e$ )         | (380 ... 415 V) 90 A<br>(500 V) 70 A<br>(690 V) 50 A                             |
| Rated Operational Power AC-23A ( $P_e$ )           | (220 ... 240 V) 22 kW<br>(400 ... 415 V) 45 kW<br>(500 V) 45 kW<br>(690 V) 45 kW |
| Conventional Free-air Thermal Current ( $I_{th}$ ) | q = 40 °C 125 A  |
| Conventional Thermal Current ( $I_{the}$ )         | Fully Enclosed 125 A   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )      | 8 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) 3.6 kA   |
| Rated Short-time Withstand Current ( $I_{cw}$ )    | for 1 s 2.5 kA   |
| Power Loss   | at Rated Operating Conditions per Pole 6.3 W                                     |
| Pollution Degree                                   | 3  |
| Handle Type  | Handle and shaft not included  |
| Fourth Pole Position                               | Left Side  |
| Fourth Pole Type                                   | Switched - Simultaneous Function   |
| Switches Operating Mechanism                       | Mechanism on Top of the Switch   |
| Distance Between Phases                            | Standard   |
| Position of Line Terminals                         | Top In - Bottom Out<br>Bottom In - Top Out                                       |
| Operating Mode                                     | Front operated   |
| Standards  | IEC 60947-3  |
| Special Functions                                  | No   |
| Mounting Type                                      | Door mounting  |
| Number of Poles                                    | 4  |
| Cable Cross-Section                                | Cu 10...70 mm <sup>2</sup>   |
| Degree of Protection                               | Front IP20   |
| Terminal Type                                      | Screw Terminals  |
| Tightening Torque                                  | acc. IEC 60947-1 6 N·m   |
| Mechanical Durability                              | 20000  |
| Lock Type  | No   |

## Technical UL/CSA

|                                  |  |
|----------------------------------|--|
| Maximum Operating Voltage UL/CSA | 600 V  |
| Horsepower Rating UL/CSA         | (acc. to UL 200 V) 25 Hp<br>(acc. to UL 480 V) 50 Hp<br>(acc. to UL 240 V) 30 Hp<br>(acc. to UL 208 V) 25 Hp<br>(acc. to UL 600 V) 50 Hp |
| Ampere Rating UL/CSA             | 100 A  |

## Environmental

|                           |                                   |
|---------------------------|-----------------------------------|
| RoHS Status               | Following EU Directive 2011/65/EU |
| Environmental Information | 1SCC301183D0201                   |

## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC301168D2702 |
| Environmental Information      | 1SCC301183D0201 |
| Instructions and Manuals       | 1SCC301057M0007 |
| RoHS Information               | 1SCC301183D0202 |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 115 mm        |
| Package Level 1 Depth / Length | 200 mm        |
| Package Level 1 Height         | 88 mm         |
| Package Level 1 Gross Weight   | 0.56 kg       |
| Package Level 1 EAN            | 6417019391977 |

## 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) |

## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

