

## PRODUCT-DETAILS

# OTR100B4U

## OTR100B4U Enclosed Switch Disconnecter



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OTR100B4U                                                                                                                                                                                                                                                                                                                                                                                        |
| Product ID            | 1SCA022568R2210                                                                                                                                                                                                                                                                                                                                                                                  |
| EAN                   | 6417019183442                                                                                                                                                                                                                                                                                                                                                                                    |
| Catalog Description   | OTR100B4U Enclosed Switch Disconnecter                                                                                                                                                                                                                                                                                                                                                           |
| Long Description      | The enclosure of the OTR series is made of rigid stainless steel, class AISI304. 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 and indoor use. The end plates are blank, and can be drilled by the installer. N- and PE terminal included. |

### 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          | 1SCC340006M0013 |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 200 mm |
| Product Net Height         | 300 mm |
| Product Net Depth / Length | 135 mm |
| Product Net Weight         | 3.2 kg |

## Technical

|                                                     |                                                                                                |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------|
| Rated Operational Current<br>AC-21A ( $I_g$ )       | (380 ... 415 V) 100 A<br>(500 V) 100 A<br>(690 V) 100 A                                        |
| Rated Operational Current<br>AC-22A ( $I_g$ )       | (380 ... 415 V) 100 A<br>(690 V) 100 A                                                         |
| Rated Operational Current<br>AC-23A ( $I_g$ )       | (380 ... 415 V) 80 A<br>(690 V) 40 A                                                           |
| Rated Operational Power<br>AC-23A ( $P_g$ )         | (380 ... 415 V) 37 kW<br>(500 V) 37 kW<br>(690 V) 37 kW                                        |
| Conventional Thermal<br>Current ( $I_{the}$ )       | Fully Enclosed 115 A                                                                           |
| Rated Insulation Voltage<br>( $U_i$ )               | acc. to IEC/EN 60664-1 750 V                                                                   |
| Rated Operational Voltage                           | Main Circuit 750 V                                                                             |
| Rated Short-Circuit<br>Making Capacity ( $I_{cm}$ ) | (690 V AC) 3.6 kA                                                                              |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )  | for 1 s 2.5 kA                                                                                 |
| Power Loss                                          | at Rated Operating Conditions per Pole 4 W                                                     |
| Pollution Degree                                    | 3                                                                                              |
| Handle Color                                        | Black                                                                                          |
| Handle Type                                         | Pistol handle                                                                                  |
| Position of Line Terminals                          | Top In - Bottom Out                                                                            |
| Standards                                           | IEC 60947-1, -3                                                                                |
| Number of Poles                                     | 4                                                                                              |
| Connecting Capacity Main<br>Circuit                 | Screw Clamp 10...70 mm <sup>2</sup><br>Screw Clamp / PE Terminal 2pcs, 10...70 mm <sup>2</sup> |
| Cable Entry Position                                | Up/Down                                                                                        |
| Cable Outlets Per Side                              | Blank / Blank                                                                                  |
| Degree of Protection                                | acc. to IEC 60529 IP65                                                                         |
| Enclosure Material                                  | Stainless steel                                                                                |
| Maximum Mounted<br>Auxiliary Contacts               | 2 NO, 2 NC                                                                                     |
| Mounted Auxiliary<br>Contacts                       | 0 NO, 0 NC                                                                                     |
| Position of Neutral<br>Terminals                    | Top In - Bottom Out                                                                            |
| Position of PE Terminals                            | Top In - Bottom Out                                                                            |

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

|                                                 |                 |
|-------------------------------------------------|-----------------|
| Certificates and Declarations (Document Number) |                 |
| Declaration of Conformity<br>- CE               | 1SCC340006D2704 |
| Instructions and Manuals                        | 1SCC340006M0013 |
| RoHS Information                                | 1SCC340034D0203 |

|                                   |               |
|-----------------------------------|---------------|
| Container Information             |               |
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 212 mm        |
| Package Level 1 Depth /<br>Length | 313 mm        |
| Package Level 1 Height            | 191 mm        |
| Package Level 1 Gross<br>Weight   | 3.4 kg        |
| Package Level 1 EAN               | 6417019183442 |

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| 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 → Enclosed Switches → Enclosed Switch-Disconnectors → Enclosed Switch-Disconnectors |  |

