

## PRODUCT-DETAILS

# OKL315N4YF3UU00

## OKL315N4YF3UU00 F300 EMC Enclosed Switch



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OKL315N4YF3UU00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product ID            | 1SCA152272R1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| EAN                   | 6417019831541                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Catalog Description   | OKL315N4YF3UU00 F300 EMC Enclosed Switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Long Description      | The ABB fire rated switches withstand fire acc. to standard EN12101-3. ABB can provide products for class F200 (120min), F300 (120min) and F400 (120min). Typical applications are high rise buildings, car parks, tunnels or any other place where there are exhaust fans that should stay on during fire. The enclosure is made of rigid aluminium alloy, or painted steel sheet. The F200 and F400 products are also available with auxiliary contacts. The products are EMC approved, when used with EMC cable glands. The handle is padlockable in On and Off position with max. 3 padlocks, and cover is interlocked. |

### Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85363090     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC340004B0201 |
|-----------------------------------|-----------------|

Instructions and Manuals

1SCC340005M0007

1SCC340021M0004

Mechanical Drawings

OTKM604023PBL.stp

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 400 mm  |
| Product Net Height         | 600 mm  |
| Product Net Depth / Length | 230 mm  |
| Product Net Weight         | 20.1 kg |

## Technical

|                                                          |                                                                            |
|----------------------------------------------------------|----------------------------------------------------------------------------|
| Rated Operational Current<br>AC-22A ( $I_e$ )            | (380 ... 415 V) 315 A<br>(500 V) 315 A<br>(690 V) 315 A                    |
| Rated Operational Current<br>AC-23A ( $I_e$ )            | (380 ... 415 V) 315 A<br>(500 V) 315 A<br>(690 V) 315 A                    |
| Rated Operational Power<br>AC-23A ( $P_e$ )              | (380 ... 415 V) 160 kW<br>(500 V) 200 kW<br>(690 V) 250 kW                 |
| Conventional Thermal<br>Current ( $I_{the}$ )            | Fully Enclosed 315 A                                                       |
| Rated Insulation Voltage<br>( $U_i$ )                    | acc. to IEC/EN 60664-1 1000 V                                              |
| Rated Operational Voltage                                | Main Circuit 1000 V                                                        |
| Rated Short-Circuit<br>Making Capacity ( $I_{cm}$ )      | (690 V) 65 kA                                                              |
| Rated Conditional Short-<br>Circuit Current ( $I_{nc}$ ) | 50.5 kA                                                                    |
| Power Loss                                               | at Rated Operating Conditions per Pole 6.5 W                               |
| Pollution Degree                                         | 3                                                                          |
| Handle Color                                             | Red / Yellow                                                               |
| Handle Type                                              | Pistol handle                                                              |
| Position of Line Terminals                               | Top In - Bottom Out                                                        |
| Number of Poles                                          | 4                                                                          |
| Connecting Capacity Main<br>Circuit                      | Hole Diameter 10 mm<br>Screw Clamp / PE Terminal 4pcs, 10...70+4pcs M8 mm² |
| Cable Entry Position                                     | Up/Down                                                                    |
| Cable Outlets Per Side                                   | Blank / Blank                                                              |
| Degree of Protection                                     | acc. to IEC 60529 IP65                                                     |
| Enclosure Type                                           | MSC                                                                        |
| Enclosure Material                                       | Steel sheet                                                                |
| Maximum Mounted<br>Auxiliary Contacts                    | 2 NO, 2 NC                                                                 |
| Mounted Auxiliary<br>Contacts                            | 0 NO, 0 NC                                                                 |
| Terminal Type                                            | Bolt                                                                       |
| Tightening Torque                                        | acc. IEC 60947-1 44 N·m                                                    |

Mechanical Durability 16000

Certificates and Declarations (Document Number)

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Declaration of Conformity<br>- CE | 1SCC340063D2701                    |
| Instructions and Manuals          | 1SCC340005M0007<br>1SCC340021M0004 |

Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 415 mm        |
| Package Level 1 Depth /<br>Length | 710 mm        |
| Package Level 1 Height            | 325 mm        |
| Package Level 1 Gross<br>Weight   | 21.8 kg       |
| Package Level 1 EAN               | 6417019831541 |

Classifications

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Object Classification Code | Q                                                           |
| ETIM 5                     | EC000216 - Switch disconnecter                              |
| ETIM 6                     | EC000216 - Switch disconnecter                              |
| ETIM 7                     | EC000216 - Switch disconnecter                              |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

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

