

PRODUCT-DETAILS

# OKL125N4YF2UU10

## OKL125N4YF2UU10 F200 EMC Enclosed Switch



### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | OKL125N4YF2UU10   |
| Product ID            | 1SCA152259R1001   |
| EAN                   | 6417019831411   |
| Catalog Description   | OKL125N4YF2UU10 F200 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  | 85363030     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SCC340004B0201                    |
| Instructions and Manuals          | 1SCC340005M0007<br>1SCC340021M0004 |
| Mechanical Drawings               | OTKM402518PBL.stp                  |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 250 mm |
| Product Net Height         | 400 mm |
| Product Net Depth / Length | 180 mm |
| Product Net Weight         | 8.9 kg |

## Technical

|  |   |
|--|---|
| 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 ( $P_e$ )             | (380 ... 415 V) 45 kW<br>(500 V) 45 kW<br>(690 V) 45 kW                       |
| Conventional Thermal Current ( $I_{thc}$ )           | Fully Enclosed 125 A  |
| Rated Insulation Voltage ( $U_i$ )                   | acc. to IEC/EN 60664-1 1000 V   |
| Rated Operational Voltage                            | Main Circuit 750 V  |
| Rated Short-Circuit Making Capacity ( $I_{cm}$ )     | (690 V) 30 kA   |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | 16.5 kA   |
| Power Loss   | at Rated Operating Conditions per Pole 3.2 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 Circuit                     | Hole Diameter 8 mm<br>Screw Clamp / PE Terminal 2pcs, 10...70 mm <sup>2</sup> |
| Cable Entry Position                                 | Up/Down   |
| Cable Outlets Per Side                               | Blank / Blank, Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm                       |
| Degree of Protection                                 | acc. to IEC 60529 IP65  |
| Enclosure Type                                       | MSC   |
| Enclosure Material                                   | Steel sheet   |
| Maximum Mounted Auxiliary Contacts                   | 2 NO, 1 NC  |
| Mounted Auxiliary Contacts                           | 1 NO, 0 NC  |
| Terminal Type  | Bolt  |
| Tightening Torque                                    | acc. IEC 60947-1 6 N·m  |
| Mechanical Durability                                | 20000   |

## Certificates and Declarations (Document Number)

|                                |                                    |
|--------------------------------|------------------------------------|
| Declaration of Conformity - CE | 1SCC340064D2701                    |
| Instructions and Manuals       | 1SCC340005M0007<br>1SCC340021M0004 |

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## Container Information

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|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 295 mm        |
| Package Level 1 Depth / Length | 510 mm        |
| Package Level 1 Height         | 265 mm        |
| Package Level 1 Gross Weight   | 10 kg         |
| Package Level 1 EAN            | 6417019831411 |

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## Classifications

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|                            |  |
|----------------------------|--|
| 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

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

