

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 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 (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 45 kW (500 V) 45 kW (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 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 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

