

PRODUCT-DETAILS

OKL160N4YF3UU00

OKL160N4YF3UU00 F300 EMC Enclosed Switch



General Information

Extended Product Type	OKL160N4YF3UU00
Product ID	1SCA152264R1001
EAN	6417019831466
Catalog Description	OKL160N4YF3UU00 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
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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	17.8 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 88 kW (500 V) 112 kW (690 V) 144 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 30 kA
Rated Conditional Short- Circuit Current (I_{nc})	24 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 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 Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	0 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	1SCC340063D2701
Instructions and Manuals	1SCC340005M0007 1SCC340021M0004

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	710 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	19.5 kg
Package Level 1 EAN	6417019831466

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

