

PRODUCT-DETAILS

OKA100N3YF41

OKA100N3YF41 F400 EMC Enclosed Switch



General Information

Extended Product Type	OKA100N3YF41
Product ID	1SCA157804R1001
EAN	6417019871080
Catalog Description	OKA100N3YF41 F400 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. Versions for padlockable in Off, or On and Off state, are available.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Spain (ES)

Popular Downloads

Data Sheet, Technical Information	1SCC340004B0201
Instructions and Manuals	1SCC340174M0201

Dimensions

Product Net Width	250 mm
Product Net Height	250 mm
Product Net Depth / Length	111 mm
Product Net Weight	3.34 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 94 A (500 V) 94 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 61 A (500 V) 61 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 30 kW (500 V) 37 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 100 A
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 690 V
Rated Operational Voltage	Main Circuit 500 V
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 1.2 kA
Rated Conditional Short-Circuit Current (I_{nc})	8 kA
Pollution Degree	3
Handle Color	Red / Yellow
Handle Type	Pistol handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3 EN12101-3:2015
Number of Poles	3
Neutral Type	No neutral terminal
Connecting Capacity Main Circuit	Screw Clamp 6 ... 50 mm ² Screw Clamp / PE Terminal 2pc, 6 ... 50 mm ²
Cable Cross-Section	6 ... 50 mm ²
Cable Entry Position	Up/Down
Cable Outlets Per Side	1xM40 / 1xM40
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK09
Enclosure Type	GV6
Enclosure Material	Aluminium
Maximum Mounted Auxiliary Contacts	1 NO, 0 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 3.5 N·m

Mechanical Durability

20000

Certificates and Declarations (Document Number)

CB Certificate	CB OK_25-125_YF4 TC F400 OK_63-125_YF4_
Declaration of Conformity - CE	1SCC340070D2701
Instructions and Manuals	1SCC340174M0201
RoHS Information	1SCC340070D2701

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	178 mm
Package Level 1 Depth / Length	255 mm
Package Level 1 Height	255 mm
Package Level 1 Gross Weight	3.508 kg
Package Level 1 EAN	6417019871080

Classifications

Object Classification Code	Q
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	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 → Fire Rated Enclosed Switch-Disconnectors

