

PRODUCT-DETAILS

OTA125P3B

OTA125P3B EMC Safety switch



General Information

Extended Product Type	OTA125P3B
Product ID	1SCA142583R1001
ABB Type Designation	ABB1SCA142583R1001
EAN	6417019701189
Catalog Description	OTA125P3B EMC Safety switch
Long Description	The dye casted aluminum alloy (silumin) enclosure is extremely rigid, and well suited for harsh environment. The surface is polyester coated and well protected from corrosion. Installation is made easy, thanks to the key hole type wall fastening, screwed cover and the included rubber type cable glands. The enclosure is arc proof. The cover is interlocked, and the interlocking can be defeated if needed. There are two or four cable entries, and one cable entry for the control cable. The unit is also EMC approved, and no additional EMC cable glands are needed. Earthing of the cable shield is done via the pullstopper. Neutral and PE terminals are included.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and	1SCC340167M0203

Manuals

Mechanical Drawings

OTFK3624221PBL48.stp

Dimensions

Product Net Width	425 mm
Product Net Height	620 mm
Product Net Depth / Length	210 mm
Product Net Weight	18.3 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) 125 A (500 V) 90 A (690 V) 70 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 55 kW (500 V) 55 kW (690 V) 70 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 125 A
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 12 kA
Power Loss	at Rated Operating Conditions per Pole 4 W
Pollution Degree	3
Handle Color	Black
Handle Type	Pistol handle
Standards	IEC 60947-1, -3
Mounting Type	Panel mounted
Number of Poles	3
Connecting Capacity Main Circuit	Hole Diameter 8 mm Screw Clamp / PE Terminal 1pcs, 10...70 mm ²
Cable Entry Position	Down/Down
Cable Outlets Per Side	2x24...48+2xM20
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Type	Fro
Enclosure Material	Aluminium
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	1 NO, 1 NC
Mechanical Durability	20000

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC340057D2701
Instructions and Manuals	1SCC340167M0203

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	445 mm
Package Level 1 Depth / Length	726 mm
Package Level 1 Height	212 mm
Package Level 1 Gross Weight	20.2 kg
Package Level 1 EAN	6417019701189

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)
E-Number (Norway)	1414555
E-Number (Sweden)	3134363

Categories

Low Voltage Products and Systems → Enclosed Switches → Enclosed Safety Switches → Enclosed Safety Switches

