

PRODUCT-DETAILS

OTA25S4Y

OTA25S4Y EMC Safety switch



General Information

Extended Product Type	OTA25S4Y
Product ID	1SCA142674R1001
ABB Type Designation	ABB1SCA142674R1001
EAN	6417019701738
Catalog Description	OTA25S4Y 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 easy access to terminals, screwed cover and with the compression cable glands included. The cover is interlocked, and handle padlockable with two padlocks. The handle can also be padlocked in On position, by removing two small plastic covers. The enclosure is EMC approved, when EMC glands (not included) are used.
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Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Bulgaria (BG)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
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Instructions and Manuals

1SCC340166M0205

Mechanical Drawings

OTFK1161313RM32.stp

Dimensions

Product Net Width	130 mm
Product Net Height	165 mm
Product Net Depth / Length	103 mm
Product Net Weight	1.45 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 45 A (500 V) 45 A (690 V) 45 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 30 A (500 V) 30 A (690 V) 20 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 15 kW (500 V) 15 kW (690 V) 15 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 63 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) 1.4 kA
Rated Short-time Withstand Current (I_{cw})	for 1 s 1 kA
Rated Conditional Short- Circuit Current (I_{nc})	13 kA
Power Loss	at Rated Operating Conditions per Pole 2.8 W
Pollution Degree	3
Handle Color	Red
Handle Type	Round handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3
Mounting Type	Panel mounted
Number of Poles	4
Connecting Capacity Main Circuit	Screw Clamp 1.5...35 mm ² Screw Clamp / PE Terminal 3pcs, 1.5...16 mm ²
Cable Entry Position	Up/Down
Cable Outlets Per Side	2xM32+M20 / 2xM32+M20
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Type	Frontex1
Enclosure Material	Aluminium
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary	1 NO, 0 NC

Contacts

Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 2 N·m
Mechanical Durability	20000

Environmental

RoHS Status	Following EU Directive 2011/65/EU
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Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC340057D2701
Instructions and Manuals	1SCC340166M0205

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	136 mm
Package Level 1 Depth / Length	175 mm
Package Level 1 Height	140 mm
Package Level 1 Gross Weight	1.45 kg
Package Level 1 EAN	6417019701738

Classifications

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)

Categories

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

