

PRODUCT-DETAILS

OTA16S3BX

OTA16S3BX ATEX EMC Safety switch



General Information

Extended Product Type	OTA16S3BX
Product ID	1SCA152716R1001
EAN	6417019839141
Catalog Description	OTA16S3BX ATEX EMC Safety switch
Long Description	ATEX enclosed safety switches are designed for a potentially explosive atmosphere and are made according to ATEX directive 2014/34/EU. The ATEX class is Ex tc III T70°C Dc, used in zone 22. Typical applications for ATEX switches are refineries, mills, conveyor belt in hazardous areas, and dusty environments. The products are delivered with ATEX cable glands. The switches can be used in EMC environment, when used together with EMC cable glands.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363010
Country of Origin	Bulgaria (BG)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340166M0205
Mechanical Drawings	OTFK1161313RM25.stp

Dimensions

Product Net Width	130 mm
Product Net Height	165 mm
Product Net Depth / Length	103 mm
Product Net Weight	1.25 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 25 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) 0.71 kA
Rated Conditional Short- Circuit Current (I_{nc})	6.5 kA
Power Loss	at Rated Operating Conditions per Pole 1.6 W
Pollution Degree	3
Handle Color	Black
Handle Type	Round handle
Position of Line Terminals	Top In - Bottom Out
Number of Poles	3
Connecting Capacity Main Circuit	Screw Clamp 0.75...10 mm ² Screw Clamp / PE Terminal 3pcs, 1.5...16 mm ²
Cable Entry Position	Up/down
Cable Outlets Per Side	2xM25+M20 / 2xM25+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 Contacts	1 NO, 0 NC
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 0.8 N·m
Mechanical Durability	20000

Environmental

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

ATEX Certificate	1SCC340068D0201
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Declaration of Conformity - CE	1SCC340067D2701
Instructions and Manuals	1SCC340166M0205
RoHS Information	2CMC300025D0001

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	140 mm
Package Level 1 Depth / Length	175 mm
Package Level 1 Height	136 mm
Package Level 1 Gross Weight	1.25 kg
Package Level 1 EAN	6417019839141

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)
E-Number (Finland)	3640464

Categories

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

