

PRODUCT-DETAILS

OTA40S3YX

OTA40S3YX ATEX EMC Safety switch



General Information

| | |
|-----------------------|---|
| Extended Product Type | OTA40S3YX |
| Product ID | 1SCA152729R1001 |
| EAN | 6417019839271 |
| Catalog Description | OTA40S3YX 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 | 85363030 |
| Country of Origin | Bulgaria (BG) |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 1SCC340166M0205 |

Dimensions

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

Technical

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|--|---|
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 23 A (500 V) 23 A (690 V) 12 A |
| Rated Operational Power AC-23A (P_e) | (380 ... 415 V) 11 kW (500 V) 11 kW (690 V) 11 kW |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 40 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 | Red |
| 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 | 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 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

Certificates and Declarations (Document Number)

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

Container Information

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|-----------------------------------|---------------|
| 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 | 6417019839271 |

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) | 3640478 |

Categories

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

