



PRODUCT-DETAILS

OTA40S3BX

OTA40S3BX ATEX EMC Safety switch



General Information

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|-----------------------|--|
| Extended Product Type | OTA40S3BX |
| Product ID | 1SCA152728R1001 |
| EAN | 6417019839264 |
| Catalog Description | OTA40S3BX ATEX EMC Safety switch |
| Long Description | ATEX EMC Safety switch, 3-p. 415V AC23 23A, 11kW. Mounted auxiliary contact: 1NO0NC. Aluminium enclosure. IP65. Black Round handle. Interlocked cover. 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. |

Circular Value

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|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 1SCC340076D0201 |
| RoHS Information | 1SCC340075D0201 |

Toxic Substances
Control Act - TSCA

1SCC340095D0201

Ordering

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|------------------------|---------------|
| 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 |
| Mechanical Drawings | OTFK1161313RM32.stp |

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 | Black |
| Handle Type | Round handle |
| Position of Line Terminals | Top In - Bottom Out |
| Standards | IEC 60947-1, -3 |
| Special Functions | EMC |
| Number of Poles | 3 |
| Neutral Type | No neutral terminal |

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|------------------------------------|--|
| Connecting Capacity Main Circuit | Screw Clamp 0.75 ... 10 mm ² |
| Cable Cross-Section | Screw Clamp / PE Terminal 3pc,1.5 ... 16 mm ² |
| Wire Stripping Length | 0.75 ... 10 mm ² |
| Recommended Screw Driver | 10 mm |
| Cable Entry Position | Main Circuit Pozidriv 2 |
| Cable Outlets Per Side | Top and/or Bottom |
| Degree of Protection | 2xM32+M20 / 2xM32+M20 |
| Impact Resistance Rating | acc. to IEC 60529 IP65 |
| Enclosure Type | Housing IK09 |
| Enclosure Material | Frontex1 |
| Maximum Mounted Auxiliary Contacts | Aluminium |
| Mounted Auxiliary Contacts | 2 NO, 2 NC |
| Number of Auxiliary Contacts NC | 1 NO, 0 NC |
| Number of Auxiliary Contacts NO | 0 |
| Terminal Type | Screw Terminals |
| Tightening Torque | Main Circuit 0.8 N·m |
| Mechanical Durability | 20000 |

Technical UL/CSA

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|--------------------------|-------------------------|
| Wire Stripping Length | 10 mm |
| Recommended Screw Driver | Main Circuit Pozidriv 2 |
| Tightening Torque | Main Circuit 0.8 N·m |

Environmental

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|-------------------------------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201 |

Certificates and Declarations

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|--------------------------------|-----------------|
| ATEX Certificate | 1SCC340068D0201 |
| Declaration of Conformity - CE | 1SCC340067D2701 |
| REACH Declaration | 1SCC340076D0201 |

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 | 6417019839264 |

Classifications

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|-----------------------|--|
| Object Classification | Q |
| Code | |
| ETIM 7 | EC000216 - Switch disconnector |
| ETIM 8 | EC000216 - Switch disconnector |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| eClass | V11.1 : 27371403 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3640477 |

Categories

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

