

Product data sheet

Characteristics

XCSLF383831M3

metal key operated solenoid switch XCSLF - 6NC
- slow - M23 connector - 24V

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 560.00 USD



Main

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| Range of product | Preventa Safety detection |
| Product or component type | Safety switch |
| Component name | XCSLF |
| Design | Slim |
| Material | Metal |
| Head type | Key operated turret head |
| Contacts type and composition | 3 NC |
| Contact operation | Slow-break, break before make |
| Solenoid contacts type and composition | 3 NC slow-break, break before make) |
| Electromagnet interlocking | Locking on de-energisation and unlocking on energisation of solenoid |
| [Us] rated supply voltage | 24 V - 15...10 % |
| Cable outer diameter | 0.28...0.51 In (7...13 mm) |
| Electrical connection | Male connector M23, 19 pins |
| Number of poles | 3 |
| Locking options description | With interlocking, locking by solenoid |
| Local signalling | Actuator withdrawn 1 LED orange) Actuator inserted and locked 1 LED green) |
| Signalling circuit voltage | 24 V |

Complementary

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| Positive opening | With NC contact |
| Supply voltage type | AC/DC |
| Supply frequency | 50/60 Hz |
| Load factor | 1 |
| Signalling circuit type | AC/DC |
| Mechanical durability | 1000000 Cycles |
| Minimum actuation speed | 0.03 Ft/S (0.01 m/s) |
| Maximum actuation speed | 1.64 Ft/S (0.5 m/s) |
| [Ie] rated operational current | 1.5 A 24 V 0.22 A 24 V |
| [Ithe] conventional enclosed thermal current | 4 A |

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| Maximum load current | <= 15 A |
| [Ui] rated insulation voltage | 60 V 3)EN/IEC 60947-1 50 VUL 508 50 VCSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 0.8 KV EN/IEC 60947-5-1 |
| Minimum switching current | 10 MA at 20 °C |
| Minimum switching voltage | 17 V |
| Short-circuit protection | 4 A cartridge fuse gG (gl) 6 A fast blow |
| Maximum actuator forcible withdrawal rtc | 3000 N |
| Minimum actuator force for extraction | 20 N |
| Resistance to mechanical impact | 9.6 J against the partition 6.4 J without partition |
| Maximum operating rate | 10 Cyc/Mn for maximum durability |
| Safety level | Can reach category 4 with the appropriate monitoring system and correctly-wired EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly-wired EN/ISO 13849-1 Can reach SIL 3 EN/IEC 61508 |
| Safety reliability data | B10d = 5500000 value given for a life time of 20 years limited by mechanical or contact wear |
| Body material | Zamak |
| Head material | Zamak |
| Maximum Depth | 2.01 In (51 mm) |
| Height | 8.86 In (225 mm) |
| Maximum Width | 1.73 In (44 mm) |
| Net Weight | 2.43 Lb(US) (1.1 kg) |

Environment

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| Standards | EN 1088/ISO 14119 EN/ISO 13849-1 EN/IEC 62061 CSA C22.2 No 14 EN/IEC 60947-5-1 UL 508 EN/IEC 60204-1 |
| Product certifications | CSA TÜV UL |
| Protective treatment | TC |
| Ambient air temperature for operation | -13...140 °F (-25...60 °C) |
| Ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| Vibration resistance | 5 gn 10...500 Hz)IEC 60068-2-6 |
| Shock resistance | 10 gn 11 ms IEC 60068-2-27 |
| Electrical shock protection class | Class I EN/IEC 61140 |
| IP degree of protection | IP65 EN/IEC 60529 and EN/IEC 60947-5-1 IP65 |

Ordering and shipping details

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| Category | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 03606480465574 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 2.42 Lb(US) (1.10 kg) |
| Returnability | No |
| Country of origin | ID |

Packing Units

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| Package 1 Height | 0.600 Dm |
| Package 1 width | 0.750 Dm |
| Package 1 Length | 2.420 Dm |

Offer Sustainability

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| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |

Contractual warranty

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| Warranty | 18 months |
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| Product Life Status : Commercialised |
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