

Product data sheet

Characteristics

XCSB501

Safety switch, Telemecanique Safety switches XCS, metal XCSB, 1 NC + 2 NO, slow break, 1 entry tapped Pg 13



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

Price*: 213.00 USD



Main

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|-------------------------------|--|
| Range of Product | Telemecanique Safety switches XCS |
| Product or Component Type | Safety switch |
| Component name | XCSB |
| Design | Industrial |
| Material | Metal |
| Head type | Key operated turret head |
| Contacts type and composition | 1 NC + 2 NO |
| Contact operation | Slow-break, break before make |
| Cable entry | 1 entry tapped Pg 13.5 |
| Cable outer diameter | 0.35...0.47 In (9...12 mm) |
| Electrical connection | Terminal 1 x 0.5...2 x 1.5 mm ² with or without cable end |
| Number of poles | 3 |
| Locking options description | With locking of actuator, unlocking by push-button |
| Local signalling | Without |

Complementary

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| Positive opening | With NC contact |
| Mechanical durability | 600000 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 | 6 A 120 V, AC-15, A300 EN/IEC 60947-5-1 3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q300 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 300 VUL 508 500 VEN/IEC 60947-1 300 VCSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 6 KV EN/IEC 60947-5-1 |

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|---------------------------------------|---|
| Short-circuit protection | 10 A cartridge fuse gG (gl) |
| Actuator forcible withdrawal rtc | 1500 N |
| Minimum actuator force for extraction | 20 N |
| 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 with the appropriate monitoring system and correctly-wired EN/IEC 61508 |
| Safety reliability data | B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear |
| Body Material | Zamak |
| Head material | Zamak |
| Maximum Depth | 1.73 In (44 mm) |
| Maximum Height | 4.49 In (114 mm) |
| Maximum Width | 2.05 In (52 mm) |
| Net Weight | 1.05 Lb(US) (0.475 kg) |

Environment

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| Standards | EN/IEC 60204-1 UL 508 EN 1088/ISO 14119 CSA C22.2 No 14 EN/ISO 12100 EN/IEC 60947-5-1 |
| Product Certifications | CSA UL |
| Protective treatment | TC |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °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 | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 |

Ordering and shipping details

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|-----------------------|---------------------------------|
| Category | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 03389110184914 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 19.08 Oz (541 g) |
| Returnability | No |
| Country of origin | FR |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.97 In (5 cm) |
| Package 1 width | 2.68 In (6.8 cm) |
| Package 1 Length | 4.92 In (12.5 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 18 |
| Package 2 Weight | 21.57 Lb(US) (9.784 kg) |
| Package 2 Height | 5.91 In (15 cm) |

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| Package 2 width | 11.81 In (30 cm) |
| Package 2 Length | 15.75 In (40 cm) |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |

Contractual warranty

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