

XCSM4116L2

Safety limit switch, Telemecanique Safety switches XCS, XCSM, metal, rotary lever, 2 NC + 2 NO, cable 2 m



Main

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| Range of Product | Telemecanique Safety switches XCS |
| Product or Component Type | Safety limit switch |
| Component name | XCSM |
| Design | Miniature |
| Material | Metal |
| Head type | Rotary head |
| Protection technology | Plastic protective cover, secured by 5-lobe socket head safety screw |
| Type of approach | Lateral approach |
| Type of operator | Steel roller lever |
| Contacts type and composition | 1 NC + 1 NC + 1 NO + 1 NO |
| Contact operation | Snap action |

Complementary

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| Electrical Connection | Pre-cabled |
| Cable length | 6.56 ft (2 m) |
| Cable composition | 9 x 0.34 mm ² |
| Switch actuation | By 30° cam |
| Fixing Mode | By the body |
| Number of poles | 4 |
| Positive opening | With NC contact |
| Mechanical durability | 10000000 cycles |
| Minimum torque for tripping | 4.43 lbf.in (0.5 N.m) |
| Positive opening minimum torque | 0.89 lbf.in (0.1 N.m) |
| Minimum actuation speed | 0.01 m/min |
| Maximum actuation speed | 4.92 ft/s (1.5 m/s) |
| Contact code designation | B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN 60947-5-1 B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN 60947-5-1 R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 300 VUL 508 400 V 3)IEC 60947-5-1 300 VCSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 4 KV IEC 60664 4 kV IEC 60947-1 |
| Maximum resistance across terminals | 25 MOhm IEC 60255-7 category 3 |
| Short-circuit protection | 6 A cartridge fuse gG (gl) |
| Repeat accuracy | 0.05 mm on the tripping points |
| Body Material | Zamak |
| Head material | Zamak |
| Depth | 1.34 in (34 mm) |
| Height | 3.70 in (94 mm) |
| Width | 1.18 in (30 mm) |
| Net Weight | 0.46 lb(US) (0.21 kg) |

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Environment

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| Standards | CSA C22.2 No 14 EN 1088 EN/IEC 60947-5-1 UL 508 EN/IEC 60204-1 |
| Product Certifications | CSA UL |
| 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 IEC 61508 |
| Safety reliability data | B10d = 50000000 value given for a life time of 20 years limited by mechanical or contact wear |
| 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 | 25 gn 18 ms IEC 60068-2-27 |
| Electrical shock protection class | Class I NF C 20-030 Class I EN/IEC 61140 |
| IP degree of protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP68 conforming to IEC 60529 |
| IK degree of protection | IK06 EN 50102 |

Ordering and shipping details

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| Category | 22411-LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 3389110244298 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 11.04 oz (313.0 g) |
| Returnability | No |
| Country of origin | ID |

Packing Units

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| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.18 in (3 cm) |
| Package 1 width | 7.09 in (18 cm) |
| Package 1 Length | 7.87 in (20 cm) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 35 |
| Package 2 Weight | 25.25 lb(US) (11.455 kg) |
| Package 2 Height | 11.81 in (30 cm) |
| 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: Diisononyl 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 |
| Circularity Profile | End Of Life Information |

Contractual warranty

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| Warranty | 18 months |
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