

XCKJ10513D

Limit switch, XC Standard, XCKJ, steel roller lever, 1NC+1 NO, snap action, M12

Main

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|-------------------------------|---|
| Range of product | Telemecanique Limit switches XC Standard |
| Series name | Standard format |
| Product or component type | Limit switch |
| Device short name | XCKJ |
| Sensor design | Form A conforming to CENELEC EN 50041 |
| Body type | Fixed |
| Head type | Rotary head |
| Material | Metal |
| Body material | Zamak |
| Head material | Zamak |
| Fixing mode | By the body |
| Movement of operating head | Rotary |
| Type of operator | Spring return roller lever metal |
| Type of approach | Lateral approach, 1 or 2 programmable direction |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Snap action |

Complementary

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| Switch actuation | By 30° cam |
| Electrical connection | Male connector M12, 5 pins |
| Contacts insulation form | Zb |
| Number of steps | 1 |
| Positive opening | With |
| Positive opening minimum torque | 0.5 N.m |
| Minimum torque for tripping | 0.25 N.m |
| Maximum actuation speed | 1.5 m/s |
| [Ie] rated operational current | 0.27 A at 50 V, DC-13 conforming to IEC 60947-5-1 appendix A 3 A at 50 V, AC-15 conforming to IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 4 A |
| [Ui] rated insulation voltage | 60 V (pollution degree 3) conforming to IEC 60947-1 |
| Maximum resistance across terminals | 25 MOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 0.8 kV conforming to IEC 60664 0.8 kV conforming to IEC 60947-1 |
| Short-circuit protection | 4 A cartridge fuse, type gG |
| Electrical durability | 5000000 Cycles, DC-13, inductive load type, 24 V, 10 W, operating rate <60 cyc/ mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 7 W, operating rate <60 cyc/ mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Mechanical durability | 30000000 cycles |
| Width | 40 mm |
| Height | 89 mm |
| Depth | 44 mm |
| Net weight | 0.49 kg |
| Terminals description ISO n°1 | (13-14)NO (21-22)NC |

Environment

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| Shock resistance | 50 gn for 11 ms conforming to IEC 60068-2-27 |
| Vibration resistance | 25 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 |
| IP degree of protection | IP66 conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to IEC 62262 |
| Overvoltage category | Class I conforming to IEC 61140 Class I conforming to NF C 20-030 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Protective treatment | TH |
| Product certifications | UL[RETURN]CSA[RETURN]CCC |
| Standards | UL 508 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-5-1 IEC 60204-1 CENELEC EN 50041 IEC 60204-1 |

Packing Units

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|------------------------------|------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.000 cm |
| Package 1 Width | 5.400 cm |
| Package 1 Length | 20.200 cm |
| Package 1 Weight | 500.000 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 18 |
| Package 2 Height | 15.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 9.514 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 288 |
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 161.220 kg |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| Circularity Profile | No need of specific recycling operations |
| 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 |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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| Warranty | 18 months |
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