



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 C CENELEC EN 50041 |
| Body type | Fixed |
| Head type | Plunger head |
| Material | Metal |
| Body Material | Zamak |
| Head material | Zamak |
| Fixing Mode | By the body |
| Movement of operating head | Linear |
| Type of operator | Spring return roller plunger metal reinforced |
| Type of approach | Lateral approach, 2 directions |
| Cable entry | 1 entry tapped for M20 x 1.5 cable gland 0.28... 0.51 in (7...13 mm) |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Slow-break, break before make |

Complementary

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| Switch actuation | By 30° cam |
| Electrical connection | Screw-clamp terminals 1 x 0.5...2 x 2.5 mm ² |
| Contacts insulation form | Zb |
| Number of steps | 1 |
| Positive opening | With |
| Positive opening minimum force | 40 N |
| Minimum force for tripping | 16 N |
| Minimum actuation speed | 6 m/min |
| Maximum actuation speed | 3.28 ft/s (1 m/s) |
| [Ie] rated operational current | 3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 300 VUL 508 500 V 3)IEC 60947-1 300 VCSA C22.2 No 14 |
| Maximum resistance across terminals | 25 MOhm IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 6 KV IEC 60664 6 kV IEC 60947-1 |
| Short-circuit protection | 10 A cartridge fuse gG |
| Electrical durability | 5000000 Cycles, DC-13, inductive, 120 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 Cycles, DC-13, inductive, 24 V, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive, 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| Mechanical durability | 25000000 cycles |
| Width | 1.57 in (40 mm) |

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| Height | 3.03 in (77 mm) |
| Depth | 1.73 in (44 mm) |
| Product Weight | 1.00 lb(US) (0.455 kg) |
| Terminals description ISO n°1 | (21-22)NC (13-14)NO |

Environment

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|---------------------------------------|---|
| Shock resistance | 50 gn 11 ms IEC 60068-2-27 |
| Vibration resistance | 25 gn 10...500 Hz)IEC 60068-2-6 |
| IP degree of protection | IP66 conforming to IEC 60529 |
| IK degree of protection | IK07 EN 50102 |
| Overvoltage category | Class I IEC 61140 Class I NF C 20-030 |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C) |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Protective treatment | TH |
| Product Certifications | CSA CCC UL |
| Standards | IEC 60947-5-1 UL 508 EN 60947-5-1 CSA C22.2 No 14 EN 60204-1 IEC 60204-1 CENELEC EN 50041 |



Ordering and shipping details

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|-------------------|----------------------------------|
| Category | 22449-LIMIT SWITCHES,ACCESSORIES |
| Discount Schedule | T |
| GTIN | 3389110905670 |
| Returnability | No |
| Country of origin | FR |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.69 in (4.3 cm) |
| Package 1 Width | 2.76 in (7.0 cm) |
| Package 1 Length | 5.04 in (12.8 cm) |
| Package 1 Weight | 15.73 oz (446.0 g) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 5.91 in (15.0 cm) |
| Package 2 Width | 5.91 in (15.0 cm) |
| Package 2 Length | 15.75 in (40.0 cm) |
| Package 2 Weight | 10.24 lb(US) (4.647 kg) |

Offer Sustainability

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|---------------------------|---|
| 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 | Not applicable, out of EU RoHS legal scope |
| Environmental Disclosure |  Product Environmental Profile |

Contractual warranty

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| Warranty | 18 months |
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