

Product data sheet

Specifications



Limit switch, XC Standard, XCKJ, steel roller lever, 1C/O, snap action, Pg13

XCKJ110513DSA9

Main

| | |
|-------------------------------|---|
| Range of product | Telemecanique Limit switches XC Standard |
| Series name | Standard format |
| Product or component type | Limit switch |
| Device short name | XCKJ |
| Sensor design | - |
| Body type | Plug-in body |
| 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 |
| Cable entry | 1 entry tapped for Pg 13.5 cable gland 0.35...0.47 in (9...12 mm) |
| Number of poles | 1 |
| Contacts type and composition | 1 C/O |
| Contact operation | Snap action |

Complementary

| | |
|--------------------------------|---|
| Switch actuation | By 30° cam |
| Electrical connection | Screw-clamp terminals 1 x 0.75...2 x 1.5 mm ² |
| Contacts insulation form | Zb |
| Number of steps | 1 |
| Positive opening | Without |
| Minimum torque for tripping | 2.21 lbf.in (0.25 N.m) |
| Maximum actuation speed | 4.92 ft/s (1.5 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 | 30000000 cycles |
| Width | 1.69 in (43 mm) |
| Height | 3.31 in (84 mm) |
| Depth | 1.42 in (36 mm) |
| Net weight | 1.08 lb(US) (0.49 kg) |
| Terminals description ISO n°1 | (13-14)NO (11-12)NC |

Environment

| | |
|--|---|
| 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 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 | CCC CSA UL |
| Standards | UL 508 EN 60204-1 IEC 60947-5-1 IEC 60204-1 EN 60947-5-1 CENELEC EN 50041 CSA C22.2 No 14 |

Packing Units

| | |
|-------------------------------------|--------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.65 in (4.2 cm) |
| Package 1 Width | 5.12 in (13.0 cm) |
| Package 1 Length | 2.68 in (6.8 cm) |
| Package 1 Weight | 18.41 oz (522.0 g) |

Offer Sustainability

| | |
|-------------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
|-------------------------|-----------------------------------|

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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 |

Recommended replacement(s)