

Product data sheet

Characteristics

ZCKJ120

Limit switch body, Limit switches XC Standard, ZCKJ, fixed, with display, 1NC+1 NO, snap action, Pg13



Main

| | |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product | Telemecanique Limit switches XC Standard |
| Series name | Standard format |
| Product or component type | Limit switch body |
| Device short name | ZCKJ |
| Body type | Fixed |
| Product compatibility | XCKJ |
| Associated head | ZCKE66 ZCKE64 ZCKE23 ZCKE05 ZCKE21 ZCKE63 ZCKE61 ZCKE62 ZCKE06 ZCKE619 ZCKE65 ZCKE67 ZCKE629 ZCKE08 |
| Body material | Metal |
| Cable entry | 1 entry tapped for Pg 13.5 cable gland |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Snap action |
| Number of steps | 1 1 position |
| Contacts material | Silver plated contacts |

Complementary

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|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local display | With |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ² |
| Positive opening | With |
| Minimum actuation speed | 0.01 m/min |
| [Ie] rated operational current | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 500 V (pollution degree 3) conforming to IEC 60947-1 for contact block 300 V conforming to CSA C22.2 No 14 for contact block 300 V conforming to UL 508 for contact block 50 V conforming to IEC 60947-1 for indicator light module |
| Maximum resistance across terminals | 0.25 mOhm conforming to 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, type gG |
| Electrical durability | 5000000 Cycles, DC-13 120 V, 4 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 Cycles, DC-13 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 48 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Electrical circuit type | Indicator light module 2 LED AC, 110/240 V (95...264 V) service life: 100000 h |

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|-------------------------------|------------------------|
| Width | 40 mm |
| Height | 77 mm |
| Depth | 44 mm |
| Net weight | 0.32 kg |
| Terminals description ISO n°1 | (21-22)NC (13-14)NO |

Environment

| | |
|---------------------------------------|--------------------------------------|
| IP degree of protection | IP66 |
| IK degree of protection | IK07 |
| Ambient air temperature for operation | -25...70 °C for standard environment |
| Ambient air temperature for storage | -40...70 °C |
| Environmental characteristic | Standard environment |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 315 g |
| Package 1 Height | 5 cm |
| Package 1 width | 5 cm |
| Package 1 Length | 9.5 cm |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 8.006 kg |
| Package 2 Height | 15 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |

Offer Sustainability

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| 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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