

Product data sheet

Characteristics

ZCKM1

Limit switch body, Limit switches XC Standard, ZCKM, 1NC+1 NO, snap action, Pg11



Main

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| Range of product | Telemecanique Limit switches XC Standard |
| Series name | Standard format |
| Product or component type | Limit switch body |
| Device short name | ZCKM |
| Body type | Fixed |
| Product compatibility | XCKM |
| Associated head | ZCKD08 ZCKD06 ZCKD219 ZCKD41 ZCKD02 ZCKD81 ZCKD05 ZCKD109 ZCKD16 ZCKD23 ZCKD91 ZCKD029 ZCKD17 ZCKD59 ZCKD15 ZCKD21 ZCKD239 ZCKD10 |
| Body material | Metal |
| Cable entry | 3 entries tapped for Pg 11 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 | Without |
| 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 IEC 60947-5-1 appendix A 0.27 A at 250 V, DC-13, Q300 conforming to 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 |
| Maximum resistance across terminals | 0.25 mOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1 |
| Short-circuit protection | 10 A cartridge fuse, type gG |
| Electrical durability | 5000000 Cycles, DC-13 120 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 Cycles, DC-13 24 V, 13 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 9 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width | 64 mm |

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| Height | 64 mm |
| Depth | 30 mm |
| Net weight | 0.21 kg |
| Terminals description ISO n°1 | (21-22)NC (13-14)NO |

Environment

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|---------------------------------------|--------------------------------------|
| IP degree of protection | IP66 |
| IK degree of protection | IK05 |
| 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 Height | 3.200 cm |
| Package 1 Width | 6.500 cm |
| Package 1 Length | 9.700 cm |
| Package 1 Weight | 234.000 g |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 20 |
| Package 2 Height | 15.000 cm |
| Package 2 Width | 15.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 4.879 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 640 |
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 164.180 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: Diisobutyl 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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