# Product data sheet

Specifications




## Limit switch body, Limit switches XC Standard, ZCKL, 1NC+1 NO, slow break, 1/2"NPT

ZCKL5H7

**Product availability : Stock - Normally stocked in distribution facility**

**Price* : 103.00 USD**

## 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** | ZCKL |
| **Body type** | Fixed |
| **Product Compatibility** | XCKL |
| **Associated head** | ZCKD21<br>ZCKD109<br>ZCKD02<br>ZCKD23<br>ZCKD59<br>ZCKD10<br>ZCKD239<br>ZCKD91<br>ZCKD41<br>ZCKD17<br>ZCKD06<br>ZCKD029<br>ZCKD16<br>ZCKD05<br>ZCKD81<br>ZCKD15<br>ZCKD219<br>ZCKD08 |
| **Body Material** | Metal |
| **Cable entry** | 1 entry tapped for 1/2" NPT conduit |
| **Number of poles** | 2 |
| **Contacts type and composition** | 1 NC + 1 NO |
| **Contact operation** | Slow-break, break before make |
| **Number of steps** | 1 1 position |
| **Contacts material** | Silver plated contacts |

## Complementary

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|---|---|
| **Local display** | Without |
| **Electrical connection** | Screw-clamp terminals 1 x 0.5...2 x 2.5 mm² |
| **Positive opening** | With |
| **Minimum actuation speed** | 6 m/min |

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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|---|---|
| **[Ie] rated operational current** | 3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A<br>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** | 500 V 3)IEC 60947-1 contact block<br>300 VCSA C22.2 No 14 contact block<br>300 VUL 508 contact block |
| **Maximum resistance across terminals** | 0.25 mOhm IEC 60255-7 category 3 |
| **[Uimp] rated impulse withstand voltage** | 4 kV IEC 60664<br>4 kV IEC 60947-1 |
| **Short-circuit protection** | 6 A cartridge fuse gG |
| **Electrical durability** | 5000000 cycles, DC-13 120 V, 1 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 24 V, 3 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 48 V, 2 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| **Width** | 2.05 in (52 mm) |
| **Height** | 2.83 in (72 mm) |
| **Depth** | 1.18 in (30 mm) |
| **Net Weight** | 0.46 lb(US) (0.21 kg) |
| **Terminals description ISO n°1** | (31-32)NC<br>(13-14)NO<br>(33-34)NO |

## Environment

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|---|---|
| **IP Degree of Protection** | IP66 |
| **IK Degree of Protection** | IK05 |
| **Ambient air temperature for operation** | -13…158 °F (-25…70 °C) standard environment |
| **Ambient Air Temperature for Storage** | -40…158 °F (-40…70 °C) |
| **Environmental characteristic** | Standard environment |

## Ordering and shipping details

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|---|---|
| **Category** | 22416-LIMIT SWITCHES,IEC,XCKL |
| **Discount Schedule** | T |
| **GTIN** | 3389118130166 |
| **Number of Units in Package 1** | 1 |
| **Package 1 Weight** | 0.48 lb(US) (0.22 kg) |
| **Returnability** | Yes |
| **Country of origin** | FR |

## Packing Units

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|---|---|
| **Package 1 Height** | 0.010 dm |
| **Package 1 Width** | 0.010 dm |
| **Package 1 Length** | 0.020 dm |

## Offer Sustainability

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| **Sustainable offer status** | Green Premium product |
| **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 |

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|---|---|
| **REACh Regulation** | REACh Declaration |
| **EU RoHS Directive** | Pro-active compliance (Product out of EU RoHS legal scope)<br>EU RoHS Declaration |
| **Mercury free** | Yes |
| **RoHS exemption information** | Yes |
| **Environmental Disclosure** | Product Environmental Profile |

## Contractual warranty

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| **Warranty** | 18 months |