

Product data sheet

Specifications



Limit switch body, Limit switches XC Standard, ZCMD, 2NC+2 NO, silver, snap action, connection, 1 m



ZCMD41L1

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 | ZCMD |
| Design | Miniature |
| Body type | Fixed |
| Associated head | ZCE10 ZCE08 ZCE07 ZCE62 ZCE29 ZCE67 ZCE13 ZCE24 ZCE66 ZCE09 ZCEG1 ZCE02 ZCE06 ZCE14 ZCE21 ZCEF0 ZCE63 ZCEF2 ZCE11 ZCE64 ZCE28 ZCE27 ZCE01 ZCE65 |
| Body material | Zamak |
| Number of poles | 4 |
| Contacts type and composition | 2 NC + 2 NO |
| Contact operation | Snap action |

Complementary

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| Product compatibility | XCMD |
| Electrical connection | Fixed cable |
| Cable length | 1 m |
| Cable composition | 9 x 0.34 mm ² |
| Wire insulation material | PvR |

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| Contacts insulation form | Zb |
| Contacts material | Silver plated contacts |
| Positive opening | With |
| Minimum actuation speed | 0.01 m/min |
| [Ui] rated insulation voltage | 300 V (pollution degree 3) conforming to UL 508 400 V (pollution degree 3) conforming to IEC 60947-5-1 300 V (pollution degree 3) conforming to CSA C22.2 No 14 |
| Maximum resistance across terminals | 25 mOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60664 4 kV conforming to IEC 60947-1 |
| Short-circuit protection | 6 A cartridge fuse, type gG |
| Electrical durability | 5000000 cycles, DC-13 24 V, 3 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 2 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 120 V, 1 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Width | 30 mm |
| Height | 50 mm |
| Depth | 16 mm |
| Net weight | 0.065 kg |

Environment

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| Ambient air temperature for storage | -40...70 °C |
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Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.041 cm |
| Package 1 Width | 11.733 cm |
| Package 1 Length | 12.773 cm |
| Package 1 Weight | 151.0 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 30 |
| Package 2 Height | 15.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 5.18 kg |

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 |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |

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|----------------------------------|---|
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| 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 |
| Contractual warranty | |
| Warranty | 18 months |