

Product data sheet

Specifications



Limit switch body, Limit switches XC Standard, ZCMD, 1NC+1 NO, silver, snap action, connection, M12

ZCMD21C12

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 | ZCE66 ZCEF2 ZCE14 ZCE62 ZCE06 ZCE09 ZCE21 ZCE28 ZCE27 ZCE64 ZCE65 ZCEG1 ZCE10 ZCE11 ZCE01 ZCE29 ZCE67 ZCE24 ZCE07 ZCE13 ZCE02 ZCE63 ZCEF0 ZCE08 |
| Body material | Zamak |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Snap action |
| Complementary | |
| Product compatibility | XCMD |
| Electrical connection | Male connector M12, 5 pins |
| Contacts insulation form | Zb |
| Contacts material | Silver plated contacts |
| Positive opening | With |

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|--|--|
| Minimum actuation speed | 0.01 m/min |
| [Ie] rated operational current | 0.22 A at 50 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A 3 A at 50 V, AC-15 conforming to EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 4 A |
| [Ui] rated insulation voltage | 60 V (pollution degree 3) conforming to IEC 60947-5-1 |
| Maximum resistance across terminals | 25 mOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 0.8 kV conforming to IEC 60664 0.8 kV conforming to IEC 60947-1 |
| Short-circuit protection | 4 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 |
| 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 | 2 cm |
| Package 1 Width | 6 cm |
| Package 1 Length | 8 cm |
| Package 1 Weight | 78 g |

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 |
| 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

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| Warranty | 18 months |
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Recommended replacement(s)