

# Product data sheet

Specifications



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

ZCMD21C12

## Main

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
<b>Complementary</b>	
Product compatibility	XCMD
Electrical connection	Male connector M12, 5 pins
Contacts insulation form	Zb
Contacts material	Silver plated contacts
Positive opening	With

<b>Minimum actuation speed</b>	0.01 m/min
<b>[Ie] rated operational current</b>	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
<b>[Ithe] conventional enclosed thermal current</b>	4 A
<b>[Ui] rated insulation voltage</b>	60 V (pollution degree 3) conforming to IEC 60947-5-1
<b>Maximum resistance across terminals</b>	25 mOhm conforming to IEC 60255-7 category 3
<b>[Uimp] rated impulse withstand voltage</b>	0.8 kV conforming to IEC 60664 0.8 kV conforming to IEC 60947-1
<b>Short-circuit protection</b>	4 A cartridge fuse, type gG
<b>Electrical durability</b>	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
<b>Width</b>	30 mm
<b>Height</b>	50 mm
<b>Depth</b>	16 mm
<b>Product weight</b>	0.065 kg

## Environment

<b>Ambient air temperature for storage</b>	-40...70 °C
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## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2 cm
<b>Package 1 Width</b>	6 cm
<b>Package 1 Length</b>	8 cm
<b>Package 1 Weight</b>	78 g

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>California proposition 65</b>	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)