

# ZCMD21M12

Limit switch body, Limit switches XC Standard, ZCMD, 1C/O, silver, snap action, connection, M12



## 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	ZCE29 ZCE02 ZCE06 ZCE62 ZCE09 ZCE13 ZCE67 ZCE10 ZCE14 ZCE07 ZCE08 ZCE65 ZCEG1 ZCEF0 ZCE24 ZCE11 ZCE27 ZCE64 ZCEF2 ZCE28 ZCE66 ZCE01 ZCE63 ZCE21
Body material	Zamak
Number of poles	2
Contacts type and composition	1 C/O
Contact operation	Snap action

## Complementary

Product compatibility	XCMD
Electrical connection	Male connector M12, 4 pins
Contacts insulation form	Za
Contacts material	Silver plated contacts
Positive opening	Without
Minimum actuation speed	0.01 m/min
[Ie] rated operational current	0.1 A at 250 V, DC-13 conforming to IEC 60947-5-1 appendix A 1.5 A at 240 V, AC-15 conforming to IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	3 A
[Ui] rated insulation voltage	300 V (pollution degree 3) conforming to UL 508 300 V (pollution degree 3) conforming to CSA C22.2 No 14 250 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	2.5 KV conforming to IEC 60664 2.5 KV conforming to IEC 60947-1
Short-circuit protection	4 A cartridge fuse, type gG

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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

Ambient air temperature for storage	-40...70 °C
-------------------------------------	-------------

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.7 cm
Package 1 Width	5.3 cm
Package 1 Length	5.3 cm
Package 1 Weight	76.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	60
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	5.01 kg
Unit Type of Package 3	P06
Number of Units in Package 3	1920
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	170 kg

## Offer Sustainability

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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
----------	-----------