

# ZCD21M12

Limit switch body, Limit switches XC Standard, ZCD, compact, 1NC+1 NO, snap action, M12 5P



## Main

Range of Product	Telemecanique Limit switches XC Standard
Series name	Standard compact
Product or Component Type	Limit switch body
Device short name	ZCD
Design	Compact
Body type	Fixed
Associated head	ZCE24 ZCE13 ZCE63 ZCE02 ZCE21 ZCE66 ZCE07 ZCE08 ZCE06 ZCE09 ZCE64 ZCE27 ZCE28 ZCE65 ZCE11 ZCEH0 ZCE01 ZCE05 ZCE14 ZCE67 ZCE29 ZCE10 ZCEH2 ZCE62
Body material	Zamak
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Snap action

## Complementary

Electrical connection	Male connector M12, 5 pins
Contacts insulation form	Zb
Contacts material	Silver plated contacts
Positive opening	With
Minimum actuation speed	0.03 ft/s (0.01 m/s)
Contact code designation	B300, AC-15 (Ue = 240 V), Ie = 1.5 A IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 VUL 508 500 V 3)IEC 60947-1 300 VCSA C22.2 No 14
Maximum resistance across terminals	25 mOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG
[Ie] rated operational current	3 A 50 V, AC-15 IEC 60947-5-1 appendix A 0.27 A 50 V, DC-13 IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	4 A

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, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Width	1.2 in (31 mm)
Height	2.6 in (65 mm)
Depth	1.2 in (30 mm)

## Environment

Product Compatibility	XCKD
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)

## Ordering and shipping details

Category	US1000T22418
Discount Schedule	000T
GTIN	3389110190700
Returnability	Yes
Country of origin	SG

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.181 in (3.000 cm)
Package 1 Width	1.969 in (5.000 cm)
Package 1 Length	4.567 in (11.600 cm)
Package 1 Weight	5.608 oz (159.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	22
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	5.906 in (15.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	8.42 lb(US) (3.817 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>
Circularity Profile	No need of specific recycling operations
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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