

# Product data sheet

Specifications



## Limit switch body, Limit switches XC Standard, ZCT, compact, 1NC+1 NO, slow break, 1/2"NPT

ZCT25N12

### Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard compact
Product or component type	Limit switch body
Device short name	ZCT
Design	Compact
Body type	Fixed
Associated head	ZCE06 ZCEH2 ZCE66 ZCE21 ZCE62 ZCE02 ZCE11 ZCE14 ZCE05 ZCE63 ZCE29 ZCE08 ZCE10 ZCE65 ZCE27 ZCE01 ZCE28 ZCE67 ZCE64 ZCE07 ZCEH0 ZCE13 ZCE24

Body material	Plastic
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make

### Complementary

Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup>
Cable entry	2 entries tapped for 1/2" NPT adaptor, cable outer diameter: 4...8 mm
Contacts insulation form	Zb
Contacts material	Silver plated contacts
Positive opening	With
Minimum actuation speed	6 m/s

<b>Contact code designation</b>	B300, AC-15 (Ue = 240 V), Ie = 1.5 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A conforming to EN/IEC 60947-5-1 appendix A
<b>[Ui] rated insulation voltage</b>	300 V conforming to UL 508 500 V (pollution degree 3) conforming to IEC 60947-1 300 V conforming to CSA C22.2 No 14
<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1
<b>Short-circuit protection</b>	10 A cartridge fuse, type gG
<b>Electrical durability</b>	5000000 cycles, DC-13 120 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 13 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 9 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
<b>Width</b>	58 mm
<b>Height</b>	51 mm
<b>Depth</b>	30 mm
<b>Net weight</b>	0.085 kg

## Environment

<b>Product compatibility</b>	XCKT
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...70 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	3.4 cm
<b>Package 1 Width</b>	6.5 cm
<b>Package 1 Length</b>	9.7 cm
<b>Package 1 Weight</b>	290.0 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)