

Product data sheet

Specifications



Limit switch body, Limit switches XC Standard, ZCT, compact, 1NC+1 NO, snap action, 1/2"NPT

ZCT21N12

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	ZCE27 ZCE65 ZCE28 ZCE63 ZCEH2 ZCE06 ZCE14 ZCE21 ZCE11 ZCE66 ZCE64 ZCE08 ZCE05 ZCE02 ZCE10 ZCE07 ZCE24 ZCE09 ZCE62 ZCE29 ZCE67 ZCE01 ZCEH0 ZCE13
Body material	Plastic
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Snap action

Complementary

Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ²
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	0.01 m/s
Contact code designation	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
[Ui] rated insulation voltage	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
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1
Short-circuit protection	10 A cartridge fuse, type gG
Electrical durability	5000000 cycles, DC-13 120 V, 4 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 10 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Width	58 mm
Height	51 mm
Depth	30 mm
Net weight	0.085 kg

Environment

Product compatibility	XCKT
Ambient air temperature for operation	-25...70 °C
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	3.4 cm
Package 1 Width	6.4 cm
Package 1 Length	9.8 cm
Package 1 Weight	60 g
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Height	3.4 cm
Package 2 Width	6.4 cm
Package 2 Length	9.8 cm
Package 2 Weight	123 g
Unit Type of Package 3	S02
Number of Units in Package 3	58
Package 3 Height	15 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	7.589 kg

Offer Sustainability

Sustainable offer status	Green Premium product
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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

Warranty	18 months
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Recommended replacement(s)