

Product data sheet

Characteristics

ZCT21N12

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



Main

Range of Product	Telemecanique Limit switches XC Standard
Series name	Standard compact
Product or Component	Limit switch body
Type	
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 1 x 0.34...2 x 1.5 mm ²
Cable entry	2 entries tapped for 1/2" NPT adaptor 0.16...0.31 in (4...8 mm)
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 EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A EN/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
[Uiimp] rated impulse withstand voltage	6 KV IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG

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Electrical durability	5000000 Cycles, DC-13 120 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 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	2.28 in (58 mm)
Height	2.01 in (51 mm)
Depth	1.18 in (30 mm)
Net Weight	0.19 lb(US) (0.085 kg)

Environment

Product Compatibility	XCKT
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	22418-LIMIT SWITCH,IEC,XCKP&XCKT
Discount Schedule	T
GTIN	3389110184846
Nbr. of units in pkg.	1
Package weight(Lbs)	2.12 oz (60.0 g)
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.34 in (3.4 cm)
Package 1 width	2.52 in (6.4 cm)
Package 1 Length	3.86 in (9.8 cm)
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Weight	4.34 oz (123.0 g)
Package 2 Height	1.34 in (3.4 cm)
Package 2 width	2.52 in (6.4 cm)
Package 2 Length	3.86 in (9.8 cm)
Unit Type of Package 3	S02
Number of Units in Package 3	58
Package 3 Weight	16.73 lb(US) (7.589 kg)
Package 3 Height	5.91 in (15 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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
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

Contractual warranty

Warranty	18 months
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