

XC1AC127

limit switch XC1AC - reinforced roller lever - 1NC
+1NO - break before make

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 421.00 USD



Main

Commercial Status	Commercialised
Range of product	OsiSense XC
Series name	Special format
Product or component type	Limit switch
Product specific application	Materials handling
Device short name	XC1AC
Sensor design	-
Body type	Fixed
Head type	Plunger head
Material	Metal
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller lever metal reinforced
Switch actuation	By 30° cam
Type of approach	Lateral approach 2 directions
Electrical connection	Screw-clamp terminals, 1 x 0.5...1 x 2.5 mm ²
Cable entry	3 entries tapped for Pg 13.5 cable gland, cable outer diameter: 0.35...0.47 in (9...12 mm)
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contacts operation	Slow-break, break before make
Number of steps	1
Positive opening	Without
Minimum force for tripping	29 N

Complementary

Contacts insulation form	Zb
Maximum actuation speed	1.64 ft/s (0.5 m/s) from right 3.28 ft/s (1 m/s) from left
[I _{th}] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	600 V DC CSA C22.2 No 14 600 V AC CSA C22.2 No 14 600 V DC NF C 20-040 600 V DC IEC 60947-5-1 500 V AC NF C 20-040 500 V AC IEC 60947-5-1
Resistance across terminals	<= 8 mOhm
Short circuit protection	10 A cartridge fuse gG

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Electrical durability	3000000 cycles DC-13,48 V 35 W, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C inductive load type 3000000 cycles DC-13,230 V 33 W, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C inductive load type 3000000 cycles DC-13,110 V 40 W, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C inductive load type 3000000 cycles AC-15,48 V 170 VA, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 50/60 Hz, inductive load type 3000000 cycles AC-15,230 V 430 VA, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 50/60 Hz, inductive load type 3000000 cycles AC-15,110 V 350 VA, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 50/60 Hz, inductive load type 1000000 cycles DC-13,48 V 100 W, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C inductive load type 1000000 cycles DC-13,230 V 95 W, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C inductive load type 1000000 cycles DC-13,110 V 100 W, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C inductive load type 1000000 cycles AC-15,48 V 450 VA, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 50/60 Hz, inductive load type 1000000 cycles AC-15,230 V 1900 VA, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 50/60 Hz, inductive load type 1000000 cycles AC-15,110 V 900 VA, <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 50/60 Hz, inductive load type
Mechanical durability	10000000 cycles
Width	3.03 in (77 mm)
Height	6.18 in (157 mm)
Depth	1.73 in (44 mm)
Product weight	1.92 lb(US) (0.87 kg)
Terminals description ISO n°1	(11-12)NC (13-14)NO


Environment

Shock resistance	95 gn 11 ms IEC 60068-2-27
Vibration resistance	9 gn 10...500 Hz IEC 60068-2-6
IP degree of protection	IP65 NF C 20-010 IP65 IEC 60529
Class of protection against electric shock	Conforming to NF C 20-030 Conforming to IEC 61140
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Protective treatment	TC
Operating position	Any position
Product certifications	CSA
Standards	EN 60947-5-1 IEC 60337-1 IEC 60947-5-1 VDE 0660-200 CSA C22.2 No 14

Ordering and shipping details

Category	22449 - LIMIT SWITCHES, ACCESSORIES
Discount Schedule	T
GTIN	003389110317022
Nbr. of units in pkg.	1
Package weight(Lbs)	0.36
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 4Q2013
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available  Download Product Environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months
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