

XCTR2502N12

limit switch XCTR - steel roller plunger - 1NC
+1NO - slow - 1/2NPT

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



Main

Commercial Status	Commercialised
Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCTR
Sensor design	Compact
Reset	With
Body type	Fixed
Head type	Plunger head
Material	Plastic
Body material	Plastic
Head material	Zamak
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller plunger metal
Type of approach	Lateral approach 2 directions
Cable entry	2 entries tapped for 1/2" NPT cable gland
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contacts operation	Slow-break, break before make

Complementary

Switch actuation	By 30° cam
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm ²
Contacts insulation form	Zb
Positive opening	With
Positive opening minimum force	36 N
Minimum force for tripping	12 N
Maximum actuation speed	1.64 ft/s (0.5 m/s)
Contact code designation	Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A A300, AC-15 (Ue = 240 V, Ie = 3 A) , Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 500 V degree of pollution 3 conforming to EN 60947-1 300 V conforming to UL 508
Resistance across terminals	<= 25 MOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664
Short circuit protection	10 A by gG cartridge fuse
Width	2.28 in (58 mm)
Height	2.01 in (51 mm)
Depth	1.18 in (30 mm)
Product weight	0.28 lb(US) (0.125 kg)
Terminals description ISO n°1	(13-14)NO (21-22)NC

Environment

Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27
Vibration resistance	25 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP67 conforming to IEC 60529 IP66 conforming to IEC 60529
IK degree of protection	IK04 conforming to EN 50102
Class of protection against electric shock	Class II conforming to NF C 20-030 Class II
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
Product certifications	CSA UL
Standards	EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14

Ordering and shipping details

Category	22418 - LIMIT SWITCH,IEC,XCKP&XCKT
Discount Schedule	T
GTIN	003389110214185
Nbr. of units in pkg.	1
Package weight(Lbs)	0.70
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 1103 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental

Contractual warranty

Period	18 months
--------	-----------

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XCTR2502N12](#)