

# Product data sheet

## Characteristics

# XCNT2503G11

limit switch XCNT - steel roller plunger - 1NO  
+1NC - slow - Pg11

### Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCNT
Sensor design	Compact
Body type	Fixed
Head type	Plunger head
Movement of operating head	Linear
Type of operator	Plastic spring return roller plunger (at 90°)
Cable entry	1 entry tapped for Pg 11 cable gland
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contacts operation	Slow-break, break before make
Positive opening	With
Maximum actuation speed	1 m/s

### Complementary

Material	Plastic
Body material	Plastic
Head material	Plastic
Fixing mode	By the body
Electrical connection	Screw-clamp open terminals (1 x 0.34...2 x 1.5 mm <sup>2</sup> )
Contacts insulation form	Zb
Positive opening minimum force	10 N
Minimum force for tripping	6 N
Contact code designation	AC-15 : A300 (Ue = 240 V, Ie = 3 A), Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A DC-13 : R300 (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 508 300 V conforming to CSA C22-2 No 14 500 V (degree of pollution: 3) conforming to IEC 60947-1
[Uiimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664
Short circuit protection	10 A cartridge fuse type gG
Mechanical durability	10000000 cycles
Width	58.8 mm
Height	77.6 mm
Depth	30.5 mm

### Environment

Shock resistance	50 gn for 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	IP65 conforming to IEC 60529
IK degree of protection	IK04 conforming to EN 50102

Class of protection against electric shock	Class II conforming to IEC 61140 Class II conforming to NF C 20-030
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Protective treatment	TC
Product certifications	CCC CSA UL
Standards	CSA C22-2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508

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