

Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCMD
Sensor design	Miniature
Body type	Fixed
Head type	Plunger head
Material	Metal
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Metal spring return plunger
Switch actuation	On end
Type of approach	1 direction vertical approach
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contacts operation	Snap action
Positive opening	With
Minimum force for tripping	8.5 N
Maximum actuation speed	0.5 m/s

Complementary

Body material	Zamak
Head material	Zamak
Electrical connection	Removable cable connector
Cable length	5 m
Cable composition	5 x 0.75 mm ²
Wire insulation material	PvR
Contacts insulation form	Zb
Positive opening minimum force	8.5 N 42.5 N
Minimum actuation speed	0.01 m/min
Contact code designation	B300 , AC-15 (U _e = 240 V , I _e = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300 , DC-13 (U _e = 250 V , I _e = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V degree of pollution 3 conforming to UL 508 300 V degree of pollution 3 conforming to CSA C22-2 No 14 400 V degree of pollution 3 conforming to IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60664 4 kV conforming to IEC 60947-1
Short circuit protection	6 A by gG cartridge fuse
Electrical durability	5000000 cycles , DC-13 , 24 V , 3 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn 5000000 cycles , DC-13 , 48 V , 2 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn 5000000 cycles , DC-13 , 120 V , 1 W , load factor: 0.5 , operating rate: ≤ 60 cyc/mn
Mechanical durability	10000000 cycles

Environment

Ambient air temperature for operation	-25...70 °C
Product certifications	CSA UL
Standards	CSA C22-2 No 14 EN 60947-5-1 IEC 60947-5-1 UL 508
RoHS EUR conformity date	4Q2009
RoHS EUR status	Will be compliant

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