



Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCMD
Design	Miniature
Body type	Fixed
Associated head	ZCE01 ZCE02 ZCE06 ZCE07 ZCE08 ZCE09 ZCE10 ZCE11 ZCE13 ZCE14 ZCE21 ZCE24 ZCE27 ZCE28 ZCE29 ZCE62 ZCE63 ZCE64 ZCE65 ZCE66 ZCE67 ZCEF0 ZCEF2 ZCEG1 ZCE106 ZCE016 ZCE026
Body material	Zamak
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break Slow-break, break before make

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

Complementary

Product compatibility	XCMD
Electrical connection	Male connector M12, 4 pins
Contacts insulation form	Zb
Contacts material	Silver plated contacts
Positive opening	Without
Minimum actuation speed	0.01 m/min
[Ie] rated operational current	1 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A 3 A at 24 V, AC-14 conforming to IEC 61131-2 Type 1
[Ithe] conventional enclosed thermal current	4 A
[Ui] rated insulation voltage	24 V degree of pollution 3 conforming to UL 508 24 V degree of pollution 3 conforming to CSA C22.2 No 14 24 V degree of pollution 3 conforming to IEC 60947-5-1
Resistance across terminals	≤ 0.025 Ohm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	800 V conforming to IEC 60664
Short-circuit protection	4 A by gG cartridge fuse
Electrical durability	10000000 cycles, DC-13 24 V, 3 W, operating rate: ≤ 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Width	32 mm
Height	68 mm
Depth	16 mm
Product weight	0.065 kg

Environment

Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C