

## ZCD21M12

limit switch body ZCD - compact - 1NC+1NO - snap action - M12 5P



### Main

Range of product	OsiSense XC
Series name	Standard compact
Product or component type	Limit switch body
Device short name	ZCD
Design	Compact
Body type	Fixed
Associated head	ZCE01 ZCE02 ZCE05 ZCE06 ZCE07 ZCE08 ZCE09 ZCE10 ZCE11 ZCE13 ZCE14 ZCE21 ZCE24 ZCE27 ZCE28 ZCE29 ZCE62 ZCE63 ZCE64 ZCE65 ZCE66 ZCE67 ZCEH0 ZCEH2
Body material	Zamak
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Snap action

### Complementary

Electrical connection	Male connector M12 5 pins
Contacts insulation form	Zb
Contacts material	Silver plated contacts
Positive opening	With
Minimum actuation speed	0.01 m/s
Contact code designation	B300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[U <sub>i</sub> ] rated insulation voltage	500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14
Resistance across terminals	< 25 mOhm conforming to IEC 60255-7 category 3
[U <sub>imp</sub> ] rated impulse withstand voltage	6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1
Short-circuit protection	10 A by gG cartridge fuse
[I <sub>e</sub> ] rated operational current	3 A at 50 V, AC-15 conforming to EN/IEC 60947-5-1 appendix A 0.27 A at 50 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A
[I <sub>the</sub> ] conventional enclosed thermal current	4 A
Electrical durability	5000000 cycles, DC-13 24 V, 10 W, operating rate: ≤ 60 cyc/mn, load factor: 0.5

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conforming to IEC 60947-5-1 appendix C  
5000000 cycles, DC-13 48 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5  
conforming to IEC 60947-5-1 appendix C

Width	31 mm
Height	65 mm
Depth	30 mm
Product weight	0.14 kg

## Environment

product compatibility	XCKD
ambient air temperature for operation	-25...70 °C
ambient air temperature for storage	-40...70 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0928 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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