



ⓘ Restricted Sales for Services

### Commercial status

Discontinued on: 03 November 2020

End-of-service soon on: 30 November 2021

### Main

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

### Complementary

Associated connection component	ZCPEP20 ZCPEN12
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ZCPEG11  
ZCPEG13  
ZCPEF12  
ZCPEP16

Electrical connection	Open terminal, clamping capacity: 1 x 0.34...2 x 1.5 mm <sup>2</sup>
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	300 V conforming to UL 508 500 V (pollution degree 3) conforming to IEC 60947-1 300 V conforming to CSA C22.2 No 14
[U <sub>imp</sub> ] rated impulse withstand voltage	IEC 60664 6 kV IEC 60947-1 6 kV
Short-circuit protection	10 A cartridge fuse, type gG
Electrical durability	5000000 cycles, DC-13 120 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 13 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 9 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
Net weight	0.07 kg

## Environment

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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	67 g
Package 1 Height	7.5 cm
Package 1 width	4.1 cm
Package 1 Length	4.1 cm

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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ZCP01 is replaced by the following product range:



## OsiSense XC standard

### Limit switches

Ex Osiswitch, IEC standard format limit switches consists of products designed according to EN50047, EN50041 as well as popular XCM and XCKM miniature and classic limit switches ranges

Reason for Substitution: End of life | Substitution date: 09 July 2020