

# Product data sheet

Specifications



## Limit switch body, Limit switches XC Standard, ZCP, compact, 1NC+1 NO, snap action

ZCP21

### 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	ZCE06 ZCE28 ZCE63 ZCE01 ZCE02 ZCE66 ZCE14 ZCE11 ZCE27 ZCEH2 ZCE09 ZCE67 ZCE08 ZCE07 ZCE24 ZCEH0 ZCE21 ZCE64 ZCE29 ZCE62 ZCE65 ZCE13 ZCE10 ZCE05
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 ZCPEF12 ZCPEG11 ZCPEP16 ZCPEG13
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm <sup>2</sup>
Contacts insulation form	Zb

<b>Contacts material</b>	Silver plated contacts
<b>Positive opening</b>	With
<b>Minimum actuation speed</b>	0.01 m/s
<b>Contact code designation</b>	B300, AC-15 (Ue = 240 V), Ie = 1.5 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A conforming to EN/IEC 60947-5-1 appendix A
<b>[Ui] rated insulation voltage</b>	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
<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1
<b>Short-circuit protection</b>	10 A cartridge fuse, type gG
<b>Electrical durability</b>	5000000 cycles, DC-13 120 V, 4 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 10 W, operating rate <60 cyc/mn, load factor: 0.5 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
<b>Width</b>	31 mm
<b>Height</b>	65 mm
<b>Depth</b>	30 mm
<b>Net weight</b>	0.07 kg

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.0 cm
<b>Package 1 Width</b>	4.0 cm
<b>Package 1 Length</b>	7.6 cm
<b>Package 1 Weight</b>	60.0 g
<b>Unit Type of Package 2</b>	P06
<b>Number of Units in Package 2</b>	1296
<b>Package 2 Height</b>	77.0 cm
<b>Package 2 Width</b>	60.0 cm
<b>Package 2 Length</b>	80.0 cm
<b>Package 2 Weight</b>	96.132 kg
<b>Unit Type of Package 3</b>	S02
<b>Number of Units in Package 3</b>	81
<b>Package 3 Height</b>	15.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm
<b>Package 3 Weight</b>	5.42 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)