

# Product data sheet

Specifications



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

ZCD21

### Main

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

### Complementary

Associated connection component	ZCDEG13 ZCDEF12 ZCDEN12 ZCDEP20 ZCDEP16 ZCDEG11
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

## Environment

<b>Product compatibility</b>	XCKD
<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>	4.300 cm
<b>Package 1 Width</b>	4.300 cm
<b>Package 1 Length</b>	8.100 cm
<b>Package 1 Weight</b>	136.000 g
<b>Unit Type of Package 2</b>	S01
<b>Number of Units in Package 2</b>	27
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	15.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	3.957 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	864
<b>Package 3 Height</b>	77.000 cm
<b>Package 3 Width</b>	80.000 cm
<b>Package 3 Length</b>	60.000 cm
<b>Package 3 Weight</b>	72.148 kg

## Offer Sustainability

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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	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</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

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Warranty	18 months
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## Recommended replacement(s)