

# Product data sheet

Specifications



## Limit switch body, Limit switches XC Standard, ZCD, compact, 2 NO, slow break

ZCD28

### Main

<b>Range of product</b>	Telemecanique Limit switches XC Standard
<b>Series name</b>	Standard compact
<b>Product or component type</b>	Limit switch body
<b>Device short name</b>	ZCD
<b>Design</b>	Compact
<b>Body type</b>	Fixed
<b>Associated head</b>	ZCE11 ZCE08 ZCE07 ZCE67 ZCE01 ZCE29 ZCE02 ZCE13 ZCE10 ZCE05 ZCE21 ZCE63 ZCE24 ZCEH2 ZCEH0 ZCE06 ZCE28 ZCE27 ZCE64 ZCE14 ZCE62 ZCE66 ZCE65
<b>Body material</b>	Zamak
<b>Number of poles</b>	2
<b>Contacts type and composition</b>	2 NO
<b>Contact operation</b>	Slow-break, simultaneous
<b>Complementary</b>	
<b>Associated connection component</b>	ZCDEP16 ZCDEN12 ZCDEG11 ZCDEG13 ZCDEF12 ZCDEP20
<b>Electrical connection</b>	Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup>
<b>Contacts insulation form</b>	Zb
<b>Contacts material</b>	Silver plated contacts

<b>Positive opening</b>	Without
<b>Minimum actuation speed</b>	6 m/s
<b>Contact code designation</b>	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
<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>	4.2 cm
<b>Package 1 Width</b>	4.2 cm
<b>Package 1 Length</b>	7.6 cm
<b>Package 1 Weight</b>	139.0 g
<b>Unit Type of Package 2</b>	S01
<b>Number of Units in Package 2</b>	27
<b>Package 2 Height</b>	15.0 cm
<b>Package 2 Width</b>	15.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	4.032 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	No need of specific recycling operations

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**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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**Contractual warranty**

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**Warranty** 18 months

**Recommended replacement(s)**