

# Product datasheet

Specifications



## limit switch body ZCKJ - fixed - w/o display - 1NC+1NO - snap action - M20

ZCKJ1H29

### Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCKJ
Body type	Fixed
Product compatibility	XCKJ
Associated head	ZCKE61 ZCKE05 ZCKE06 ZCKE67 ZCKE08 ZCKE21 ZCKE65 ZCKE629 ZCKE62 ZCKE63 ZCKE66 ZCKE64 ZCKE23 ZCKE619
Body material	Metal
Cable entry	1 entry tapped for M20 x 1.5 cable gland
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Snap action
Number of steps	1 1 position
Contacts material	Silver plated contacts

### Complementary

Local display	Without
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm <sup>2</sup>
Positive opening	With
Minimum actuation speed	0.01 m/min
[I <sub>e</sub> ] rated operational current	3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A
[I <sub>th</sub> e] conventional enclosed thermal current	10 A

<b>[Ui] rated insulation voltage</b>	500 V (pollution degree 3) conforming to IEC 60947-1 for contact block 300 V conforming to CSA C22.2 No 14 for contact block 300 V conforming to UL 508 for contact block
<b>Maximum resistance across terminals</b>	0.25 mOhm conforming to IEC 60255-7 category 3
<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>	43 mm
<b>Height</b>	84 mm
<b>Depth</b>	36 mm
<b>Net weight</b>	0.3 kg
<b>Terminals description ISO n°1</b>	(21-22)NC (13-14)NO (23-24)NO (11-12)NC

## Environment

<b>IP degree of protection</b>	IP66
<b>IK degree of protection</b>	IK07
<b>Ambient air temperature for operation</b>	10...120 °C for high temperature
<b>Ambient air temperature for storage</b>	10...120 °C
<b>Environmental characteristic</b>	High temperature

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	284.9 g
<b>Package 1 Height</b>	4.1 cm
<b>Package 1 width</b>	4.5 cm
<b>Package 1 Length</b>	8.8 cm
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	24
<b>Package 2 Weight</b>	7.48 kg
<b>Package 2 Height</b>	15 cm
<b>Package 2 width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	384
<b>Package 3 Weight</b>	125.22 kg
<b>Package 3 Height</b>	77 cm
<b>Package 3 width</b>	80 cm
<b>Package 3 Length</b>	60 cm

### 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>

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### Contractual warranty

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Warranty	18 months
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