

# Product data sheet

## Characteristics

# ZC2JD1

Limit switch body, Limit switches XC Standard, ZC2J, plug in, without display, 1C/O



### Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZC2J
Body type	Plug-in body
Product compatibility	XC2J
Associated head	ZC2JE65 ZC2JE62 ZC2JE05 ZC2JE61 ZC2JE66 ZC2JE02 ZC2JE64 ZC2JE70 ZC2JE03 ZC2JE01 ZC2JE09 ZC2JE63
Body material	Metal
Cable entry	1 tapped entry for Pg 13.5 cable gland (included)
Number of poles	1
Contacts type and composition	1 C/O
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 0.75...2 x 1.5 mm <sup>2</sup>
Positive opening	Without
Minimum actuation speed	0.01 m/min
[Ie] 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
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	500 V conforming to IEC 60947-1 for contact block 300 V conforming to CSA C22.2 No 14 for contact block
Maximum resistance across terminals	0.25 mOhm conforming to IEC 60255-7 category 3
Short-circuit protection	10 A cartridge fuse, type gG
Electrical durability	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
Electrical circuit type	Indicator light module neon light, 110 V
Width	42 mm
Height	81 mm
Depth	41 mm
Net weight	0.38 kg
Terminals description ISO n°1	(13-14)NO (11-12)NC

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## Environment

IP degree of protection	IP65
IK degree of protection	IK08
Ambient air temperature for operation	-25...70 °C for standard environment
Ambient air temperature for storage	-40...70 °C
Environmental characteristic	Standard environment

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	383 g
Package 1 Height	4.8 cm
Package 1 width	4.8 cm
Package 1 Length	9.5 cm
Unit Type of Package 2	S01
Number of Units in Package 2	12
Package 2 Weight	4.788 kg
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40 cm

## 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>

## Contractual warranty

Warranty	18 months
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