

# Product data sheet

## Characteristics

# ZC2JC16

Limit switch body, Limit switches XC Standard, ZC2J, fixed, without display, 1C/O, -40...70 °C



### 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	Fixed
Product Compatibility	XC2J
Associated head	ZC2JE096 ZC2JE026 ZC2JE666 ZC2JE036 ZC2JE646 ZC2JE706 ZC2JE636 ZC2JE616 ZC2JE656 ZC2JE016 ZC2JE056 ZC2JE626
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 1 x 0.5...2 x 2.5 mm <sup>2</sup>
Positive opening	Without
Minimum actuation speed	0.01 m/min
[Ie] rated operational current	3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	500 VIEC 60947-1 contact block 300 VCSA C22.2 No 14 contact block
Maximum resistance across terminals	0.25 mOhm IEC 60255-7 category 3
Short-circuit protection	10 A cartridge fuse gG
Electrical durability	5000000 Cycles, DC-13 120 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 Cycles, DC-13 24 V, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Width	1.57 in (40 mm)
Height	3.19 in (81 mm)
Depth	1.61 in (41 mm)
Net Weight	0.78 lb(US) (0.355 kg)
Terminals description ISO n°1	(11-12)NC (13-14)NO

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

IP Degree of Protection	IP65
IK Degree of Protection	IK08
Ambient air temperature for operation	-40...158 °F (-40...70 °C) low temperature
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Environmental characteristic	Low temperature

## Ordering and shipping details

Category	22449-LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	3389110635171
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.77 in (4.5 cm)
Package 1 Width	1.97 in (5.0 cm)
Package 1 Length	3.74 in (9.5 cm)
Package 1 Weight	13.05 oz (370.0 g)
Unit Type of Package 2	S01
Number of Units in Package 2	14
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	5.91 in (15.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	11.82 lb(US) (5.362 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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>
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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