

Product data sheet

Characteristics

ZC2JC4H2

Limit switch body, Limit switches XC Standard, ZC2J, fixed, without display, 2C/O, M20



Main

Range of Product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or Component	Limit switch body
Type	
Device short name	ZC2J
Body type	Fixed
Product Compatibility	XC2J
Associated head	ZC2JE07 ZC2JE81 ZC2JE04 ZC2JE82 ZC2JE85 ZC2JE83 ZC2JE06 ZC2JE84
Body Material	Metal
Cable entry	1 entry tapped for M20 x 1.5 cable gland
Number of poles	2
Contacts type and composition	2 C/O
Contact operation	Snap action
Number of steps	2 3 positions 2 sequential
Contacts material	Silver plated contacts

Complementary

Local display	Without
Electrical connection	Screw-clamp terminals 1 x 0.75...2 x 1.5 mm ²
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	1.65 in (42 mm)
Height	3.19 in (81 mm)
Depth	1.61 in (41 mm)
Net Weight	0.84 lb(US) (0.38 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	-13...158 °F (-25...70 °C) standard environment
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Environmental characteristic	Standard environment

Ordering and shipping details

Category	22449-LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	3389110324860
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.19 in (8.1 cm)
Package 1 Width	1.57 in (4.0 cm)
Package 1 Length	1.61 in (4.1 cm)
Package 1 Weight	12.35 oz (350.0 g)

Offer Sustainability

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 www.P65Warnings.ca.gov
REACH Regulation	 REACH Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	 Product Environmental Profile

Contractual warranty

Warranty	18 months
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