

# ZC2JC46

Limit switch body, Limit switches XC Standard, ZC2J, fixed, without display, 2C/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	ZC2JE836 ZC2JE076 ZC2JE826 ZC2JE066 ZC2JE046 ZC2JE816 ZC2JE846 ZC2JE856
Body material	Metal
Cable entry	1 tapped entry for Pg 13.5 cable gland (included)
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, 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
Width	40 mm
Height	81 mm
Depth	41 mm
Net weight	0.355 kg
Terminals description ISO n°1	(13-14)NO (23-24)NO (11-12)NC (21-22)NC

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## Environment

IP degree of protection	IP65
IK degree of protection	IK08
Ambient air temperature for operation	-40...70 °C for low temperature
Ambient air temperature for storage	-40...70 °C
Environmental characteristic	Temperature variation

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.5 cm
Package 1 Width	5.0 cm
Package 1 Length	9.5 cm
Package 1 Weight	359.0 g

## Offer Sustainability

Sustainable offer status	Green Premium product
Circularity Profile	No need of specific recycling operations
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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