



## Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZC2J
Body type	Fixed
Product compatibility	XC2J
Associated head	ZC2JE01 ZC2JE02 ZC2JE03 ZC2JE05 ZC2JE09 ZC2JE61 ZC2JE62 ZC2JE63 ZC2JE64 ZC2JE65 ZC2JE66 ZC2JE70
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 0.5...2 x 2.5 mm <sup>2</sup>
Positive opening	Without
Minimum actuation speed	0.01 m/min
[Ie] rated operational current	3 A 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 contact block 300 V conforming to CSA C22.2 No 14 contact block
Resistance across terminals	0.25 mOhm conforming to IEC 60255-7 category 3
Short-circuit protection	10 A by gG cartridge fuse
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	1.57 in (40 mm)
Height	3.19 in (81 mm)
Depth	1.61 in (41 mm)
Product weight	0.78 lb(US) (0.355 kg)
Terminals description ISO n°1	(11-12)NC (13-14)NO

## 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

## Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1012 - Schneider Electric declaration of conformity	Compliant - since 1012 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Need no specific recycling operations	Need no specific recycling operations
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	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.	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 more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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