



### Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body part with contact
Device short name	ZC2J
Body type	Plug-in body
Product compatibility	XC2J
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	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 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

Disclaimer: 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

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	(13-14)NO (21-22)NC (11-12)NC (23-24)NO

## 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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	7.76 oz (220 g)
Package 1 Height	1.73 in (4.4 cm)
Package 1 width	3.54 in (9 cm)
Package 1 Length	1.73 in (4.4 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	12
Package 2 Weight	6.25 lb(US) (2.836 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

RECh Regulation	<a href="#">RECh Declaration</a>
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	<a href="#">Product Environmental Profile</a>