

Product Datasheet

Characteristic

ZC2JD1

limit switch body ZC2J - plug-in -
without display - 1C/O



Main

range of product	OsiSense XC
series name	Standard format
product or component type	Limit switch body
device short name	ZC2J
body type	Plug-in body
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 0.75...2 x 1.5 mm ²
positive opening	Without
minimum actuation speed	0.01 m/min
[I _e] 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
[I _{th}] conventional enclosed thermal current	10 A

[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 contact block 500 V conforming to IEC 60947-1 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
electrical circuit type	Indicator light module neon light, 110 V
width	1.65 in (42 mm)
height	3.19 in (81 mm)
depth	1.61 in (41 mm)
product weight	0.84 lb(US) (0.38 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

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1149 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations