

Product Datasheet

Characteristic

ZC2JD1H2

LIMIT SWITCH BODY 300VAC 10A XC2J



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
body material	metal
number of poles	1
contacts type and composition	1 C/O
contacts 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
[U _i] 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	1.65 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 (21-22)NC (23-24)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	Not Green Premium product
RoHS (date code: YYWW)	will not be compliant
