

Product Datasheet

Characteristic

ZCKJ4104H7

limit switch body ZCKJ - rotary head w/
o lever - plug-in - 2C/O - snap - 1/2"NPT



Main

range of product	OsiSense XC
series name	Standard format
product or component type	Limit switch body with spring return rotary head
device short name	ZCKJ
body type	Plug-in body
product compatibility	XCKJ
body material	Metal
cable entry	1 entry tapped for 1/2" NPT conduit
number of poles	2
contacts type and composition	2 C/O
contact operation	Snap action
number of steps	2 3 positions
contacts material	Silver plated contacts

Complementary

switch actuation	From left and right
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	300 V conforming to CSA C22.2 No 14 contact block 300 V conforming to UL 508 contact block 500 V degree of pollution 3 conforming to IEC 60947-1 contact block
resistance across terminals	0.25 mOhm conforming to IEC 60255-7 category 3
[U _{imp}] rated impulse withstand voltage	6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1
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	3.03 in (77 mm)
depth	1.73 in (44 mm)
product weight	0.68 lb(US) (0.31 kg)
terminals description ISO n°1	(11-12)NC (13-14)NO (21-22)NC (23-24)NO

Environment

IP degree of protection	IP66
IK degree of protection	IK07
ambient air temperature for operation	50...248 °F (10...120 °C) high temperature
ambient air temperature for storage	50...248 °F (10...120 °C)
environmental characteristic	High temperature

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1440 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations