Product data sheet
Characteristics

ZCKJ41045H29
limit switch body ZCKJ - rotary head w/o lever - plug-in - 2C/O - snap - M20



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 M20 x 1.5 cable gland
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 mm²
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	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
[Uimp] 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

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

	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	43 mm
Height	84 mm
Depth	36 mm
Product weight	0.3 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	10...120 °C for high temperature
Ambient air temperature for storage	10...120 °C
Environmental characteristic	High temperature

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months