

Product data sheet

Characteristics

ZCKJ25H29

limit switch body ZCKJ - fixed - w/o display -
2C/O - snap action - M20



Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch body
Device short name	ZCKJ
Body type	Fixed
Product compatibility	XCKJ
Associated head	ZCKE05 ZCKE06 ZCKE08 ZCKE21 ZCKE23 ZCKE61 ZCKE619 ZCKE62 ZCKE629 ZCKE63 ZCKE64 ZCKE65 ZCKE66 ZCKE67
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
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
[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 degree of pollution 3 conforming to IEC 60947-1 contact block 300 V conforming to CSA C22.2 No 14 contact block 300 V conforming to UL 508 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 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	40 mm

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Height	102 mm
Depth	60 mm
Product weight	0.455 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	-25...70 °C for standard environment
Ambient air temperature for storage	-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