Product data sheet Characteristics

ZCKLD31H7

Limit switch body, Limit switches XC Standard, ZCKL, 1NC+2 NO, snap action, 1/2"NPT





Main

Range of Product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or Component Type	Limit switch body
Device short name	ZCKL
Body type	Fixed
Product Compatibility	XCKL
Associated head	ZCKD109 ZCKD02 ZCKD10 ZCKD21 ZCKD17 ZCKD23 ZCKD239 ZCKD59 ZCKD029 ZCKD029 ZCKD015 ZCKD015 ZCKD15 ZCKD15 ZCKD15 ZCKD81 ZCKD41 ZCKD81 ZCKD41 ZCKD81 ZCKD08 ZCKD08 ZCKD08 ZCKD08 ZCKD08
Body Material	Metal
Cable entry	1 entry tapped for 1/2" NPT conduit
Number of poles	3
Contacts type and composition	1 NC + 2 NO
Contact operation	Snap action
Number of steps	1 1 position
Contacts material	Silver plated contacts

Complementary

Complementary	
Local display	Without
Electrical connection	Screw-clamp terminals 1 x 0.342 x 0.75 mm²
Positive opening	With
Minimum actuation speed	0.01 m/min
[le] rated operational current	1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1 appendix A 0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	400 V 3)IEC 60947-1 contact block 300 VCSA C22.2 No 14 contact block 300 VUL 508 contact block
Maximum resistance across terminals	0.25 mOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 KV IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG
Electrical durability	5000000 Cycles, DC-13 120 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 Cycles, DC-13 24 V, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Width	2.52 in (64 mm)
Height	2.52 in (64 mm)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherenced as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the documentation is not be used to perform the appropriate and complete risk analysis, evaluation of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or substitatives shall be responsible or liable for misuse of the information contained herein.

Depth	1.18 in (30 mm)	
Net Weight	0.46 lb(US) (0.21 kg)	
Terminals description ISO n°1	(21-22)NC (13-14)NO	
Environment		
IP Degree of Protection	IP66	
IK degree of protection	IK05	
Ambient air temperature for operation	-13158 °F (-2570 °C) standard environment	
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)	
Environmental characteristic Ordering and shipping details	Standard environment	
Ordering and shipping details Category Discount Schedule	22416 - LIMIT SWITCHES,IEC,XCKL	
Ordering and shipping details Category Discount Schedule GTIN	22416 - LIMIT SWITCHES,IEC,XCKL T 3389110226867	
Ordering and shipping details Category Discount Schedule GTIN Nbr. of units in pkg.	22416 - LIMIT SWITCHES,IEC,XCKL T 3389110226867	
Ordering and shipping details Category Discount Schedule GTIN Nbr. of units in pkg. Package weight(Lbs)	22416 - LIMIT SWITCHES,IEC,XCKL T 3389110226867 1 8.15 oz (231 g)	
Ordering and shipping details Category Discount Schedule GTIN Nbr. of units in pkg. Package weight(Lbs) Returnability	22416 - LIMIT SWITCHES,IEC,XCKL T 3389110226867 1 8.15 oz (231 g) No	
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Sustainable offer status
California proposition 65

Offer Sustainability

Green Premium product

WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

REACh Regulation	
ELL Dalle Dina ations	

REACh Declaration

Lo None Biledive	Pro-active compliance (Product out of EU RoHS legan Declaration	
Mercury free	Yes	



RoHS exemption information





Product Environmental Profile

Contractual warranty

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Warranty	18 months