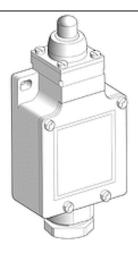
Product data sheet Characteristics

XCKL110

limit switch XCKL - metal end plunger - 1NC+1NO - snap action - Cable gland

Product availability: Stock - Normally stocked in distribution facility





Main

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Range of product	OsiSense XC	<u> </u>
Series name	Standard format	
Product or component type	Limit switch	<u></u>
Device short name	XCKL	
Body type	Fixed	
Head type	Plunger head	
Material	Metal	<u>.</u>
Body material	Zamak	
Fixing mode	By the body	
Movement of operating head	Linear	
Type of operator	Spring return plunger metal	, , ,
Type of approach	Vertical approach 1 direction	
Cable entry	1 metal cable gland entry, cable outer diameter: 0.240.53 in (613.5 mm)	3
Number of poles	2	
Contacts type and composition	1 NC + 1 NO	
Contact operation	Snap action	, c

Complementary

Switch actuation	On end	
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.342 x 1.5 mm²	
Contacts insulation form	Zb	
Number of steps	1	
Positive opening	With	
Positive opening minimum force	45 N	
Minimum force for tripping	15 N	sid_
Minimum actuation speed	0.01 m/min	

Maximum actuation speed	1.64 ft/s (0.5 m/s)
Repeat accuracy	0.05 mm on the tripping points with 1 million operating cycles
Contact code designation	A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A
[lthe] conventional enclosed thermal current	10 A AC
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508
Resistance across terminals	<= 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, inductive load type, 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, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Mechanical durability	20000000 cycles
Width	2.05 in (52 mm)
Height	2.83 in (72 mm)
Depth	1.18 in (30 mm)
Product weight	0.56 lb(US) (0.255 kg)
Terminals description ISO n°1	(21-22)NC (13-14)NO

Environment

Shock resistance	50 gn (duration = 11 ms) conforming to EN/IEC 60068-2-27
Vibration resistance	25 gn (f = 10500 Hz) conforming to EN/IEC 60068-2-6
IP degree of protection	IP66 conforming to EN/IEC 60529
IK degree of protection	IK05 conforming to EN 50102
Electrical shock protection class	Class I conforming to IEC 61140 Class I conforming to NF C 20-030
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient air temperature for storage	-40158 °F (-4070 °C)
Protective treatment	TC
Product certifications	CSA UL
Standards	EN 60204-1 IEC 60947-5-1 CSA C22.2 No 14 UL 508 IEC 60204-1 EN 60947-5-1

Ordering and shipping details

Category	22416 - LIMIT SWITCHES,IEC,XCKL
Discount Schedule	Т
GTIN	00785901646471
Nbr. of units in pkg.	1
Package weight(Lbs)	0.570000000000006
Returnability	Υ
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product

RoHS (date code: YYWW)	Compliant - since 1136 - Schneider Electric declaration of conformity	
	Schneider Electric declaration of conformity	
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	