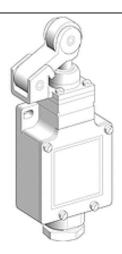
# Product data sheet Characteristics

# XCKL121H7

# limit switch XCKL - thermoplastic roller lever plunger - 1NC+1NO - snap - 1/2NPT

Product availability: Stock - Normally stocked in distribution facility





#### Main

		4
Range of product	OsiSense XC	<u> </u>
Series name	Standard format	
Product or component type	Limit switch	
Device short name	XCKL	
Body type	Fixed	<u>.t.</u>
Head type	Plunger head	
Material	Metal	
Body material	Zamak	: <u>.</u> ū
Fixing mode	By the body	   
Movement of operating head	Linear	
Type of operator	Spring return roller lever plunger thermoplastic	Ç
Type of approach	Lateral approach 1 direction	ğ Z
Cable entry	1 entry tapped for 1/2" NPT cable gland	
Number of poles	2	
Contacts type and composition	1 NC + 1 NO	700
Contact operation	Snap action	<u>ئ</u> و

#### Complementary

1		π
Switch actuation	By 30° cam	
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.342 x 1.5 mm²	
Contacts insulation form	Zb	<u> </u>
Number of steps	1	
Positive opening	With	
Positive opening minimum force	24 N	
Minimum force for tripping	8 N	sidT
Minimum actuation speed	0.01 m/min	

Maximum actuation speed	4.92 ft/s (1.5 m/s)
Contact code designation	A300, AC-15 (Ue = 240 V, le = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, le = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A
[Ithe] 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)
Terminals description ISO n°1	(13-14)NO (21-22)NC

#### Environment

LITVITOTITICITE	
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	UL 508 IEC 60204-1 EN 60947-5-1 CSA C22.2 No 14 EN 60204-1 IEC 60947-5-1

## Ordering and shipping details

Category	22416 - LIMIT SWITCHES,IEC,XCKL
Discount Schedule	Т
GTIN	00785901451655
Nbr. of units in pkg.	1
Package weight(Lbs)	0.63
Returnability	Υ
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1037 - 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