Product datasheet
Characteristics

XCLJ565H29
LIMIT SWITCH 240 VAC 10 AMP XCL + OPTIONS

Price* : 58.15 GBP

Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKJ
Sensor design	Form C conforming to CENELEC EN 50041
Body type	Fixed
Head type	Plunger head
Material	Metal
Body material	Zamak
Head material	Zamak
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller plunger metal (reinforced)
Type of approach	Lateral approach 2 directions
Cable entry	1 entry tapped for M20 x 1.5 cable gland, cable outer diameter: 7...13 mm
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make

Complementary

Switch actuation	By 30° cam
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm²
Contacts insulation form	Zb
Number of steps	1
Positive opening	With
Positive opening minimum force	40 N
Minimum force for tripping	16 N
Minimum actuation speed	6 m/min
Maximum actuation speed	1 m/s
[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

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

[Ithe] conventional enclosed thermal current	10 A
[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, 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, inductive load type, 48 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, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Mechanical durability	25000000 cycles
Width	40 mm
Height	77 mm
Depth	44 mm
Product weight	0.455 kg
Terminals description ISO n°1	(13-14)NO (21-22)NC

Environment

Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27
Vibration resistance	25 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP66 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Overvoltage category	Class I conforming to NF C 20-030 Class I conforming to IEC 61140
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Protective treatment	TC
Product certifications	CCC CSA UL
Standards	CENELEC EN 50041 EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14

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