

# XCKJ167H29

limit switch XCKJ - metal spring return roller  
plunger reinforced - 1NO+1NC -M20



## Main

Range of product	Osiswitch
Series name	Classic
Product or component type	Limit switch
Device short name	XCKJ
Sensor design	Form C CENELEC EN 50041
Body type	Fixed
Head type	Plunger head
Material	Metal
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
Electrical connection	Screw-clamp terminals 1 x 0.34...2 x 1.5 mm <sup>2</sup>
Cable entry	1 entry tapped for M20 x 1.5 cable gland 7...13 mm
Number of poles	2
Contacts type and composition	1 NO + 1 NC
Contacts operation	Snap action
Positive opening	With

## Complementary

Body material	Zamak
Head material	Zamak
Switch actuation	By 30° cam
Contacts insulation form	Zb
Number of steps	1
Positive opening minimum force	40 N
Minimum force for tripping	16 N
Maximum actuation speed	1 m/s
Contact code designation	A300 AC-15 240 V 3 A EN/IEC 60947-5-1 appendix A Q300 DC-13 250 V 0,27 A EN/IEC 60947-5-1 appendix A
[I <sub>th</sub> ] conventional enclosed thermal current	10 A AC
[U <sub>i</sub> ] rated insulation voltage	300 V UL 508 300 V CSA C22-2 No 14 500 V 3 IEC 60947-1
Resistance across terminals	≤ 25 mOhm IEC 60255-7 category 3
[U <sub>imp</sub> ] rated impulse withstand voltage	6 kV IEC 60947-1 6 kV IEC 60664
Short circuit protection	10 A cartridge fuse gG
Electrical durability	5000000 cycles DC-13 inductive 48 V 7 W ≤ 60 cyc/mn 0,5 IEC 60947-5-1 appendix C 5000000 cycles DC-13 inductive 120 V 4 W ≤ 60 cyc/mn 0,5 IEC 60947-5-1 appendix C 5000000 cycles DC-13 inductive 24 V 10 W ≤ 60 cyc/mn 0,5 IEC 60947-5-1 appendix C
Mechanical durability	25000000 cycles
Width	40 mm
Height	77 mm

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Depth	44 mm
Product weight	0,455 kg

## Environment

Shock resistance	50 gn 11 ms IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz IEC 60068-2-6
IP degree of protection	IP66 IEC 60529
IK degree of protection	IK07 EN 50102
Class of protection against electric shock	Class I IEC 61140 Class I NF C 20-030
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 CSA C22-2 No 14 EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508
RoHS EUR conformity date	2Q2009
RoHS EUR status	Will be compliant