

XCKP2155M12

Limit switch, Limit switches XC Standard, XCKP, rod lever, 1NC+1 NO, snap, M12



Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCKP
Sensor design	Compact
Body type	Fixed
Head type	Rotary head
Material	Plastic
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Head material	Zamak
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller lever glass fiber round rod 3 mm, L = 125 mm
Type of approach	Lateral approach, 2 directions
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Snap action

Complementary

Switch actuation	Any direction
Electrical connection	Male connector M12, 4 pins
Contacts insulation form	Zb
Positive opening	Without
Minimum torque for tripping	0.1 N.m
Maximum actuation speed	1 m/s
Repeat accuracy	0.1 mm on the tripping points with 1 million operating cycles
[Ie] rated operational current	3 A at 240 V, AC-15 conforming to EN/IEC 60947-5-1 appendix A 0.27 A at 250 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	3 A
[Ui] rated insulation voltage	300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 250 V (pollution degree 3) conforming to IEC 60947-1
Maximum resistance across terminals	25 MOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	2.5 kV conforming to IEC 60664 2.5 kV conforming to IEC 60947-1
Short-circuit protection	4 A cartridge fuse, type gG
Electrical durability	5000000 Cycles, DC-13, 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, 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, 48 V, 7 W, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Mechanical durability	5000000 cycles
Width	31 mm
Height	65 mm
Depth	30 mm

Net weight	0.16 kg
Terminals description ISO n°1	(21-22)NC (13-14)NO

Environment

Shock resistance	50 gn for 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 IP67 conforming to IEC 60529
IK degree of protection	IK04 conforming to EN 50102
Electrical shock protection class	Class II conforming to IEC 61140 Class II conforming to 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[RETURN]CSA[RETURN]UL
Standards	UL 508 IEC 60947-5-1 EN 60947-5-1 CSA C22.2 No 14 IEC 60204-1 EN 60204-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.3 cm
Package 1 Width	4.6 cm
Package 1 Length	12.5 cm
Package 1 Weight	121.0 g

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com