

XCKS531

Limit switch, Limit switches XC Standard, XCKS, thermoplastic roller lever, 1NC+1 NO, slow break, Pg13

Main

Range of Product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or Component Type	Limit switch
Device short name	XCKS
Sensor design	Form A CENELEC EN 50041
Body type	Fixed
Head type	Rotary head
Material	Plastic
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Head material	Plastic
Fixing Mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller lever thermoplastic
Type of approach	Lateral approach, 1 or 2 programmable direction
Cable entry	1 entry tapped for Pg 13.5 cable gland 0.4...0.5 in (9...12 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 1 x 0.5...2 x 2.5 mm ²
Contacts insulation form	Zb
Number of steps	1
Positive opening	With
Positive opening minimum torque	1.33 lbf.in (0.15 N.m)
Minimum torque for tripping	0.9 lbf.in (0.1 N.m)
Minimum actuation speed	6 m/min
Maximum actuation speed	4.9 ft/s (1.5 m/s)
Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V), Ie = 0.27 A EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A AC
[Ui] rated insulation voltage	300 VUL 508 500 V 3)IEC 60947-1 300 VCSA C22.2 No 14
Maximum resistance across terminals	25 MOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG
Electrical durability	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 5000000 cycles, DC-13, inductive, 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Mechanical durability	20000000 cycles

Width	1.6 in (40 mm)
Height	5.1 in (130 mm)
Depth	2.4 in (60 mm)
Net Weight	0.35 lb(US) (0.16 kg)
Terminals description ISO n°1	(13-14)NO (21-22)NC

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	IP67 conforming to IEC 60529 IP66 conforming to IEC 60529
IK degree of protection	IK05 conforming to EN 50102
Electrical shock protection class	Class II IEC 61140 Class II NF C 20-030
Overvoltage category	Class II IEC 61140 Class II NF C 20-030
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Protective treatment	TC
Product Certifications	UL[RETURN]CCC[RETURN]CSA
Standards	EN 60947-5-1 CENELEC EN 50041 CSA C22.2 No 14 EN 60204-1 IEC 60947-5-1 UL 508 IEC 60204-1

Ordering and shipping details

Category	US1000T22417
Discount Schedule	000T
GTIN	3389110646955
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.61 in (4.100 cm)
Package 1 Width	3.78 in (9.600 cm)
Package 1 Length	5.20 in (13.200 cm)
Package 1 Weight	6.173 oz (175.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	9.469 lb(US) (4.295 kg)

Offer Sustainability

SCIP Number	Ed3b08de-56d1-4438-aa29-53ba9776c5b8
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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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