

# Product data sheet

Specifications



## Limit switch, Limit switches XC Standard, XCKS, thermoplastic roller lever, 2NC, slow break

XCKS731H50

! To be discontinued on: 31 March 2022

! To be end-of-service on: 31 March 2022

! To be discontinued

Product availability : Stock - Normally stocked in distribution facility

Price\* : 57.00 USD

### 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
Body material	Plastic
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 M20 x 1.5 cable gland 0.28...0.51 in (7...13 mm)
Number of poles	2
Contacts type and composition	2 NC
Contact operation	Slow-break, simultaneous

### Complementary

Switch actuation	By 30° cam
Electrical connection	Screw-clamp terminals 1 x 0.5...2 x 2.5 mm <sup>2</sup>
Contacts insulation form	Zb
Number of steps	1
Positive opening	With

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Positive opening minimum torque</b>	2.66 lbf.in (0.3 N.m)
<b>Minimum torque for tripping</b>	0.89 lbf.in (0.1 N.m)
<b>Minimum actuation speed</b>	6 m/min
<b>Maximum actuation speed</b>	4.92 ft/s (1.5 m/s)
<b>Contact code designation</b>	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
<b>[Ithe] conventional enclosed thermal current</b>	10 A AC
<b>[Ui] rated insulation voltage</b>	300 VUL 508 500 V 3)IEC 60947-1 300 VCSA C22.2 No 14
<b>Maximum resistance across terminals</b>	25 MOhm IEC 60255-7 category 3
<b>[Uimp] rated impulse withstand voltage</b>	6 kV IEC 60664 6 kV IEC 60947-1
<b>Short-circuit protection</b>	10 A cartridge fuse gG
<b>Electrical durability</b>	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
<b>Mechanical durability</b>	20000000 cycles
<b>Width</b>	1.57 in (40 mm)
<b>Height</b>	5.08 in (129 mm)
<b>Depth</b>	2.36 in (60 mm)
<b>Net Weight</b>	0.32 lb(US) (0.145 kg)
<b>Terminals description ISO n°1</b>	(21-22)NC (11-12)NC

## Environment

<b>Shock resistance</b>	50 gn 11 ms IEC 60068-2-27
<b>Vibration resistance</b>	25 gn 10...500 Hz)IEC 60068-2-6
<b>IP degree of protection</b>	IP65 conforming to IEC 60529
<b>IK degree of protection</b>	IK03 EN 50102
<b>Electrical shock protection class</b>	Class II IEC 61140 Class II NF C 20-030
<b>Overvoltage category</b>	Class II IEC 61140 Class II NF C 20-030
<b>Ambient Air Temperature for Operation</b>	-13...158 °F (-25...70 °C)
<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>Protective treatment</b>	TC
<b>Product certifications</b>	CSA UL CCC
<b>Standards</b>	EN 60947-5-1 EN 60204-1 UL 508 CENELEC EN 50041 CSA C22.2 No 14 IEC 60204-1 IEC 60947-5-1

## Ordering and shipping details

<b>Category</b>	22417-LIMIT SWITCH, IEC, CLASSIC
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Discount Schedule	T
GTIN	3389118120037
Nbr. of units in pkg.	1
Package weight(Lbs)	5.11 oz (145 g)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.08 in (12.9 cm)
Package 1 width	2.36 in (6 cm)
Package 1 Length	1.57 in (4 cm)

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)

XCKS731H50 is replaced by the following product range:



**Limit switches XC Standard**

Limit switches

Products: 1091