

# Product data sheet

Specifications



## Safety switch, Telemecanique Safety switches XCS, metal XCSA, 2 NC + 1 NO, slow break, 1 entry tapped Pg 13

XCSA701

**Product availability : Stock - Normally stocked in distribution facility**

**Price\* : 137.00 USD**

### Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Safety switch
Component name	XCSA
Design	Industrial
Material	Metal
Head type	Key operated turret head
Contacts type and composition	2 NC + 1 NO
Contact operation	Slow-break, break before make
Cable entry	1 entry tapped Pg 13.5
Cable outer diameter	0.35...0.47 in (9...12 mm)
Electrical connection	Terminal 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end
Number of poles	3
Locking options description	Without locking of actuator
Local signalling	without

### Complementary

Positive opening	With NC contact
Mechanical durability	1000000 cycles
Minimum actuation speed	0.03 ft/s (0.01 m/s)
Maximum actuation speed	1.64 ft/s (0.5 m/s)
[Ie] rated operational current	6 A 120 V, AC-15, A300 EN/IEC 60947-5-1 3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q300 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 VUL 508 500 VEN/IEC 60947-1 300 VCSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-5-1

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

<b>Short-circuit protection</b>	10 A cartridge fuse gG (gl)
<b>Minimum actuator force for extraction</b>	20 N
<b>Maximum operating rate</b>	10 cyc/mn for maximum durability
<b>Safety level</b>	Can reach category 4 with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired EN/IEC 61508
<b>Safety reliability data</b>	B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear
<b>Body Material</b>	Zamak
<b>Head material</b>	Zamak
<b>Depth</b>	1.73 in (44 mm)
<b>Height</b>	4.49 in (114 mm)
<b>Width</b>	1.57 in (40 mm)
<b>Net Weight</b>	0.97 lb(US) (0.44 kg)

## Environment

<b>Standards</b>	EN/IEC 60947-5-1 CSA C22.2 No 14 EN/ISO 12100 EN 1088/ISO 14119 UL 508 EN/IEC 60204-1
<b>Product Certifications</b>	CSA UL
<b>Protective treatment</b>	TC
<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>Vibration resistance</b>	5 gn 10...500 Hz)IEC 60068-2-6
<b>Shock resistance</b>	10 gn 11 ms IEC 60068-2-27
<b>Electrical shock protection class</b>	Class I EN/IEC 61140
<b>IP degree of protection</b>	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

## Ordering and shipping details

<b>Category</b>	22411-LIMIT SWITCHES,IEC,XCKJ
<b>Discount Schedule</b>	T
<b>GTIN</b>	3389110718867
<b>Returnability</b>	Yes
<b>Country of origin</b>	ID

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.76 in (7 cm)
<b>Package 1 Width</b>	5.00 in (12.7 cm)
<b>Package 1 Length</b>	1.69 in (4.3 cm)
<b>Package 1 Weight</b>	17.64 oz (500 g)
<b>Unit Type of Package 2</b>	P06

<b>Number of Units in Package 2</b>	320
<b>Package 2 Height</b>	30.31 in (77 cm)
<b>Package 2 Width</b>	31.50 in (80 cm)
<b>Package 2 Length</b>	23.62 in (60 cm)
<b>Package 2 Weight</b>	387.35 lb(US) (175.7 kg)
<b>Unit Type of Package 3</b>	S01
<b>Number of Units in Package 3</b>	10
<b>Package 3 Height</b>	5.91 in (15 cm)
<b>Package 3 Width</b>	5.91 in (15 cm)
<b>Package 3 Length</b>	15.75 in (40 cm)
<b>Package 3 Weight</b>	11.53 lb(US) (5.231 kg)

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>California proposition 65</b>	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>
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)