

# XCSPA593

Preventa XCS, safety switches, plastic safety switch, 1 NC and 1 NO, slow break, 1 entry tapped 0.5 inch NPT

## Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Safety switch
Component name	XCSPA
Design	Compact
Material	Plastic
Head type	Key operated turret head
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make
Cable entry	1 entry tapped 1/2" NPT
Electrical connection	Terminal 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end
Number of poles	2
Locking options description	Without locking of actuator

## Complementary

Insulation	Double insulated
Positive opening	With NC contact
Mechanical durability	1000000 cycles
Positive opening minimum force	15 N
Minimum actuation speed	0.03 ft/s (0.01 m/s)
Maximum actuation speed	1.6 ft/s (0.5 m/s)
[Ie] rated operational current	6 A 120 V, AC-15, A300 IEC 60947-5-1 3 A 240 V, AC-15, A300 IEC 60947-5-1 0.55 A 125 V, DC-13, Q300 IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 IEC 60947-5-1
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 VUL 508 500 VIEC 60947-1 300 VCSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-5-1
Short-circuit protection	10 A cartridge fuse gG (gl)
Actuator forcible withdrawal rtc	10 N
Maximum operating rate	10 cyc/mn for maximum durability
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired IEC 61508
Safety reliability data	B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear
Body Material	PA (polyamide)
Head material	PA (polyamide)
Depth	1.2 in (30 mm)
Height	4.2 in (107 mm)
Width	1.2 in (30 mm)
Product Weight	0.24 lb(US) (0.11 kg)

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## Environment

Standards	ISO 12100 UL 508 IEC 60204-1 EN 1088/ISO 14119 IEC 60947-5-1 CSA C22.2 No 14
Product Certifications	CSA[RETURN]UL
Protective treatment	TC
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Vibration resistance	5 gn 10...500 Hz)IEC 60068-2-6
Shock resistance	10 gn 11 ms IEC 60068-2-27
Electrical shock protection class	Class II IEC 61140
IP degree of protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1


## Ordering and shipping details

Category	US1000T22411
Discount Schedule	000T
GTIN	3389110720600
Returnability	Yes
Country of origin	ID

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.38 in (3.500 cm)
Package 1 Width	5.12 in (13.000 cm)
Package 1 Length	1.97 in (5.000 cm)
Package 1 Weight	4.021 oz (114.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	55
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	14.879 lb(US) (6.749 kg)

## Offer Sustainability

SCIP Number	Ad71f9d2-7746-48bd-bc4b-c2dd6b5b9e3a
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)
Mercury free	Yes
RoHS exemption information	 Yes

## Contractual warranty

Warranty	18 months
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