

# XCSTE5313

Safety switch, Telemecanique Safety switches XCS, plastic XCSTE, 1NC+1 NO, slow break, 1 entry tapped 1/2" NPT -24 V

## Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Safety switch
Component name	XCSTE
Design	Rectangular
Material	Plastic
Head type	Key operated turret head
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make
Solenoid contacts type and composition	1 NC slow-break)
Cable entry	1 entry tapped 1/2" NPT
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] solenoid rated supply voltage	24 V AC
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	With interlocking, locking by solenoid

## Complementary

Insulation	Double insulated
Positive opening	With NC contact
Supply voltage type	AC/DC
Supply frequency	50/60 Hz
Load factor	1
Power consumption in VA	10 VA
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	0.55 A 125 V, DC-13, Q300 IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 IEC 60947-5-1 3 A 120 V, AC-15, B300 IEC 60947-5-1 1.5 A 240 V, AC-15, B300 IEC 60947-5-1
[Ithe] conventional enclosed thermal current	6 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	500 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	1.3 in (33 mm)
Height	3.7 in (94 mm)
Width	4.3 in (110 mm)
Net Weight	0.79 lb(US) (0.36 kg)

## Environment

Standards	IEC 60204-1 IEC 60947-5-1 EN 1088/ISO 14119 ISO 12100 UL 508 CSA C22.2 No 14
Product Certifications	CSA[RETURN]UL
Protective treatment	TC
Ambient Air Temperature for Operation	-13...140 °F (-25...60 °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	3389110825091
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.53 in (11.500 cm)
Package 1 Width	1.57 in (4.000 cm)
Package 1 Length	4.33 in (11.000 cm)
Package 1 Weight	15.520 oz (440.000 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	22.020 lb(US) (9.988 kg)

## Offer Sustainability

SCIP Number	03d98d2a-75b4-42b9-b917-f1e21890ead9
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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