

# Product data sheet

## Characteristics

### XCSLE2525513

Safety switch, Telemecanique Safety switches XCS, plastic XCSLE 2NC+2 NO, slow break, 3 entries tapped 1/2" NPT -24 V



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 265.20 USD



#### Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Safety switch
Component name	XCSLE
Design	Slim
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 + 1 NO slow-break, break before make)
Cable entry	3 entries tapped 1/2" NPT
Electromagnet interlocking	Locking on energisation and unlocking on de-energisation of solenoid
[Us] rated supply voltage	24 V - 15...10 %
Electrical connection	Spring terminal 1 x 1.5 mm <sup>2</sup> flexible or solid cable Spring terminal 2 x 0.5 mm <sup>2</sup> flexible cables with 13 mm bared ends
Number of poles	2
Locking options description	With interlocking, locking by solenoid
Local signalling	1 LED (orange) for actuator withdrawn 1 LED (green) for actuator inserted and locked
Signalling circuit voltage	24 V

#### Complementary

Insulation	Double insulated
Positive opening	With NC contact
Supply voltage type	AC/DC
Supply frequency	50/60 Hz
Load factor	1
Signalling circuit type	AC/DC
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	0.55 A 24 V, DC-13, R300 EN/IEC 60947-5-1 0.75 A 240 V, AC-15, C300 EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	4 A
Maximum load current	<= 15 A
[Ui] rated insulation voltage	300 VUL 508 300 VCSA C22.2 No 14 250 V 3)EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 KV EN/IEC 60947-5-1
Minimum switching current	10 MA at 20 °C
Minimum switching voltage	17 V
Short-circuit protection	4 A cartridge fuse gG (gl) 6 A fast blow
Maximum actuator forcible withdrawal rtc	1400 N
Minimum actuator force for extraction	20 N
Resistance to mechanical impact	1.2 J against the partition 4.9 J without partition
Maximum operating rate	10 Cyc/Mn for maximum durability
Safety level	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 EN/IEC 61508
Safety reliability data	B10d = 5500000 value given for a life time of 20 years limited by mechanical or contact wear
Body Material	PA (polyamide)
Head material	PA (polyamide)
Maximum Depth	2.01 In (51 mm)
Maximum Height	8.07 In (205 mm)
Maximum Width	1.73 In (44 mm)
Net Weight	1.17 Lb(US) (0.53 kg)

## Environment

Standards	UL 508 EN 1088/ISO 14119 EN/IEC 60204-1 CSA C22.2 No 14 EN/IEC 60947-5-1 EN/ISO 13849-1 EN/IEC 62061
Product Certifications	UL CSA TÜV
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 EN/IEC 61140
IP degree of protection	IP66 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 IP67

## Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	03606489413675
Nbr. of units in pkg.	1
Package weight(Lbs)	22.22 Oz (630 g)
Returnability	No
Country of origin	ID

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.24 In (5.7 cm)
Package 1 width	2.87 In (7.3 cm)
Package 1 Length	8.98 In (22.8 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isobutyl 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>
REACH Regulation	 <a href="#">REACH Declaration</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	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
----------	-----------

Product Life Status : **Commercialised**