

Safety switch, Telemecanique Safety switches  
XCS, plastic XCSMP, 1 NC + 1 NO, slow  
break, pre cabled 5 m



Main

Range of product	Telemecanique Safety switches XCS
Product or component type	Safety switch
Component name	XCSMP
Design	Miniature
Material	Plastic
Head type	Key operated fixed head
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make
Electrical connection	Pre-cabled
Number of poles	2
Locking options description	Without locking of actuator

Complementary

Insulation	Double insulated
Cable length	5 m
Cable composition	4 x 0.5 mm <sup>2</sup>
Positive opening	With NC contact
Mechanical durability	1000000 cycles
Minimum actuation speed	0.05 m/s
Maximum actuation speed	1.5 m/s
[Ie] rated operational current	0.55 A at 125 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 0.75 A at 240 V, AC-15, C300 conforming to EN/IEC 60947-5-1 1.5 A at 120 V, AC-15, C300 conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	2.5 A
[Ui] rated insulation voltage	300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-5-1
Short-circuit protection	10 A cartridge fuse type gG (gl)
Actuator forcible withdrawal rtc	8 N
Minimum actuator force for extraction	8 N
Maximum operating rate	20 cyc/mn for maximum durability
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/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	30 mm
Height	87 mm
Width	15 mm
Net weight	0.11 kg

## Environment

Standards	CSA C22.2 No 14 EN 1088/ISO 14119 EN/IEC 60947-5-1 UL 508 EN/IEC 60204-1 EN/ISO 12100
Product certifications	UL[RETURN]CSA[RETURN]cUL
Protective treatment	TC
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-25...80 °C
Vibration resistance	6 gn (f= 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
Electrical shock protection class	Class II conforming to EN/IEC 61140
IP degree of protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.0 cm
Package 1 Width	26.5 cm
Package 1 Length	24.0 cm
Package 1 Weight	455.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	15
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	7.737 kg

## Offer Sustainability

Toxic heavy metal free	Yes
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-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>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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