

# XCSMP80L2

plastic safety switch XCSMP - 1 NC + 1 NC + 1  
NC - slow break - pre-cabled 2 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	3 NC
Contact operation	Slow-break, simultaneous
Electrical connection	Pre-cabled
Number of poles	3
Locking options description	Without locking of actuator

## Complementary

Insulation	Double insulated
Cable length	6.56 ft (2 m)
Cable composition	6 x 0.5 mm <sup>2</sup>
Positive opening	With NC contact
Mechanical durability	1000000 cycles
Minimum actuation speed	0.16 ft/s (0.05 m/s)
Maximum actuation speed	4.92 ft/s (1.5 m/s)
[Ie] rated operational current	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 0.75 A 240 V, AC-15, C300 EN/IEC 60947-5-1 1.5 A 120 V, AC-15, C300 EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	2.5 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
Short-circuit protection	10 A cartridge fuse type gG (gl)
Actuator forcible withdrawal rtc	8 N

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 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 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	1.18 in (30 mm)
Height	3.43 in (87 mm)
Width	0.59 in (15 mm)
Net weight	0.24 lb(US) (0.11 kg)

## Environment

Standards	UL 508 EN/IEC 60204-1 EN/ISO 12100 EN/IEC 60947-5-1 CSA C22.2 No 14 EN 1088/ISO 14119
Product certifications	CSA CUL UL
Protective treatment	TC
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-13...176 °F (-25...80 °C)
Vibration resistance	6 gn (f= 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27
Electrical shock protection class	Class II EN/IEC 61140
IP degree of protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

## Packing Units

Package 1 Weight	0.49 lb(US) (0.221 kg)
Package 1 Height	0.200 dm
Package 1 width	2.200 dm
Package 1 Length	2.400 dm

## Offer Sustainability

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>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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