



## XCSMP70L2

plastic safety switch XCSMP - 1 NC + 1 NC + 1 NO - slow break - pre-cabled 2 m



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### Main

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Range of product	Preventa Safety detection
Product or component type	Safety switch
Component name	XCSMP
Design	Miniature
Material	Plastic
Head type	Key operated fixed head
Contacts type and composition	2 NC + 1 NO
Contacts operation	Slow-break, break before make
Electrical connection	Pre-cabled
Number of poles	3
Locking options description	Without locking of actuator

### Complementary

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Insulation	Double insulated
Cable length	2 m
Cable composition	6 x 0.5 mm <sup>2</sup>
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 utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 0.75 A at 240 V utilisation category AC-15, C300 conforming to EN/IEC 60947-5-1 1.5 A at 120 V utilisation category AC-15, C300 conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	2.5 A
[Ui] rated insulation voltage	500 V conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 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)
Actutr forcible withdrawal rtc	8 N
Actuator force for extraction	>= 8 N
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

<b>Safety reliability data</b>	B10d = 5000000 (value given for a life time of 20 years limited by mechanical or contact wear)
<b>Body material</b>	PA (polyamide)
<b>Head material</b>	PA (polyamide)
<b>Depth</b>	30 mm
<b>Height</b>	87 mm
<b>Width</b>	15 mm
<b>Product weight</b>	0.11 kg

## Environment - Hide

<b>Standards</b>	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 UL 508 CSA C22.2 No 14
<b>Product certifications</b>	CSA CUL UL
<b>Protective treatment</b>	TC
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-25...80 °C
<b>Vibration resistance</b>	6 gn (f = 10...55 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	50 gn for 11 ms conforming to IEC 60068-2-27
<b>Class of protection against electric shock</b>	Class II conforming to EN/IEC 60536
<b>IP degree of protection</b>	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

## Offer Sustainability - Hide

<b>Sustainable offer status</b>	Not Green Premium product
<b>RoHS (date code: YYWW)</b>	Compliant - since 0642 - Schneider Electric declaration of conformity

## Contractual warranty - Hide

<b>Period</b>	18 months
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