

XCSMP59L2

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



Main

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	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	2 m
Cable composition	4 x 0.5 mm ²
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 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	300 V conforming to CSA C22.2 No 14 500 V conforming to EN/IEC 60947-1 300 V conforming to UL 508
[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
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
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

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Width	15 mm
Product weight	0.11 kg

Environment

Standards	UL 508 CSA C22.2 No 14 EN 1088/ISO 14119 EN/IEC 60204-1 EN/ISO 12100 EN/IEC 60947-5-1
Product certifications	CUL CSA UL
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

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0642 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
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Contractual warranty

Warranty period	18 months
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