

XCSMP59L2

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

Download your XCSMP59L2 datasheet

Green Premium

Characteristics | Documents & Downloads

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	1 NC + 1 NO
Contacts operation	Slow-break, break before make
Electrical connection	Pre-cabled
Number of poles	2
Locking options description	Without locking of actuator

Complementary

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Insulation	Double insulated
Cable length	2 m
Cable composition	4 x 0.5 mm²
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	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
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
Product weight	0.11 kg

Environment

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Standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 UL 508 CSA C22.2 No 14
Product certifications	CSA CUL 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
Class of protection against electric shock	Class II conforming to EN/IEC 60536
IP degree of protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

Offer Sustainability

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

Contractual warranty

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Period	18 months