

XCSMP59L2

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

Product availability: Non-Stock - Not normally stocked in distribution facility



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	6.56 ft (2 m)
Cable composition	4 x 0.5 mm ²
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 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	1.18 in (30 mm)
Height	3.43 in (87 mm)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Width	0.59 in (15 mm)
Product weight	0.24 lb(US) (0.11 kg)

Environment

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

Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	00785901345459
Nbr. of units in pkg.	1
Package weight(Lbs)	1.2
Returnability	N
Country of origin	JP

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0642 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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