Product data sheet
Characteristics

XCSMP59L2
plastic guard switch XCSMP - 1 NC+1 NO - slow break - pre-cabled 2 m



Main

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

Complementary

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
Contact code designation	C300 , AC-15 (Ue = 240 V , Ie = 0.75 A) conforming to EN/IEC 60947-5-1 C300 , AC-15 (Ue = 120 V , Ie = 1.5 A) conforming to EN/IEC 60947-5-1 Q300 , DC-13 (Ue = 250 V , Ie = 0.27 A) conforming to EN/IEC 60947-5-1 Q300 , DC-13 (Ue = 125 V , Ie = 0.55 A) conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	2.5 A
[Ui] rated insulation voltage	300 V conforming to UL 508 300 V conforming to CSA C22-2 No 14 500 V conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-5-1
Resistance across terminals	≤ 30 mOhm conforming to EN/IEC 60947-5-4
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 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 IEC 61508 Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1
Safety reliability data	B10d = 5000000 (value given for a life time of 10 years limited by mechanical or contact wear)
Body material	PA (polyamide)
Head material	PA (polyamide)
Product weight	0.11 kg

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Environment

Standards	CSA C22-2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 EN 1088/ISO 14119 UL 508
Product certifications	CSA UL cUL
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
RoHS EUR conformity date	0903
RoHS EUR status	Compliant