XCSPA591

plastic safety switch XCSPA - 1 NC + 1 NOsnap action - 1 entry tapped Pg 11





Main

Range of product	Preventa Safety detection
Product or component	Safety switch
type	
Component name	XCSPA
Design	Compact
Material	Plastic
Head type	Key operated turret head
Contacts type and composition	1 NC + 1 NO
Contacts operation	Slow-break, break before make
Cable entry	1 entry tapped Pg 11
Cable outer diameter	710 mm
Electrical connection	Terminal, 1 x 0.52 x 1.5 mm ² with or without cable end
Number of poles	2
Locking options description	Without locking of actuator

Complementary	
Insulation	Double insulated
Positive opening	With NC contact
Mechanical durability	>= 1000000 cycles
Positive opening minimum force	15 N
Minimum actuation speed	0.01 m/s
Maximum actuation speed	0.5 m/s
[le] rated operational current	6 A at 120 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1 3 A at 240 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1 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
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1 300 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	10 N
Operating rate	10 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

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Height	94 mm
Width	30 mm
Product weight	0.11 kg

Environment

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
	UL
Protective treatment	TC
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	5 gn (f = 10500 Hz) conforming to IEC 60068-2-6
Shock resistance	10 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
3 p	

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0919 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

