



Main

Range of product	Preventa Safety detection
Product or component type	Safety switch
Component name	XCSPA
Design	Compact
Material	Plastic
Head type	Key operated turret head
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make
Cable entry	1 entry tapped 1/2" NPT
Electrical connection	Terminal, 1 x 0.5...2 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	0.03 ft/s (0.01 m/s)
Maximum actuation speed	1.64 ft/s (0.5 m/s)
[Ie] 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 CSA C22.2 No 14 500 V conforming to EN/IEC 60947-1

Disclaimer: 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

	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	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	1.18 in (30 mm)
Height	4.21 in (107 mm)
Width	1.18 in (30 mm)
Product weight	0.24 lb(US) (0.11 kg)

Environment

Standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/ISO 12100 UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1
Product certifications	UL CSA
Protective treatment	TC
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Vibration resistance	5 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	10 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	00785901720607
Nbr. of units in pkg.	1
Package weight(Lbs)	0.23999999999999999
Returnability	Y
Country of origin	ID

Offer Sustainability

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

Contractual warranty

Warranty period	18 months
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