

# Product Datasheet

## Characteristic

# XCSPA493

plastic safety switch XCSPA - 2 NC + 1 NO- snap action- 1 entry tapped 1/2" NPT



## 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	2 NC + 1 NO
contact operation	Snap action
cable entry	1 entry tapped 1/2" NPT
electrical connection	Terminal, 1 x 0.34...2 x 0.75 mm <sup>2</sup>
number of poles	3
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	1.5 A at 240 V utilisation category AC-15, B300 conforming to EN/IEC 60947-5-1 0.55 A at 125 V utilisation category DC-13, R300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V utilisation category DC-13, R300 conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 300 V conforming to UL 508 400 V (degree of pollution: 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV
short-circuit protection	6 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/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	-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 IP67 conforming to EN/IEC 60947-5-1

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1010 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold