

# Product data sheet

## Characteristics

### XCSPA491

Safety switch, Telemecanique Safety switches  
XCS, plastic XCSPA, 2 NC + 1 NO, snap action, 1 entry tapped Pg 11



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

Price\*: 61.00 USD



#### Main

Range of Product	Telemecanique Safety switches XCS
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 Pg 11
Cable outer diameter	0.28...0.39 In (7...10 mm)
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 240 V, AC-15, B300 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, R300 EN/IEC 60947-5-1 0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	300 VUL 508 300 VCSA C22.2 No 14 400 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	4 KV EN/IEC 60947-5-4

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. \*Prices are indicative. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Short-circuit protection	6 A cartridge fuse gG (gl)
Actuator forcible withdrawal rtc	10 N
Maximum operating rate	10 Cyc/Mn for maximum durability
Safety level	Can reach category 4 with the appropriate monitoring system and correctly-wired EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly-wired EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly-wired 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)
Maximum Depth	1.18 In (30 mm)
Maximum Height	3.70 In (94 mm)
Maximum Width	1.18 In (30 mm)
Net Weight	0.24 Lb(US) (0.11 kg)

## Environment

Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 UL 508 EN 1088/ISO 14119 EN/ISO 12100 EN/IEC 60204-1
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 10...500 Hz)IEC 60068-2-6
Shock resistance	10 gn 11 ms IEC 60068-2-27
Electrical shock protection class	Class II EN/IEC 61140
IP degree of protection	IP67 conforming to EN/IEC 60529 IP67 conforming to EN/IEC 60947-5-1

## Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	03389119028516
Nbr. of units in pkg.	1
Package weight(Lbs)	3.88 Oz (110 g)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.38 In (3.5 cm)
Package 1 width	1.97 In (5 cm)
Package 1 Length	5.12 In (13 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	60
Package 2 Weight	15.55 Lb(US) (7.055 kg)
Package 2 Height	5.91 In (15 cm)
Package 2 width	11.81 In (30 cm)
Package 2 Length	15.75 In (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isooctyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**