

# Product data sheet

Specifications



## Safety switch, Telemecanique Safety switches XCS, plastic XCSPA, 1 NC + 1 NO, snap action, 1 entry tapped M16

XCSPA192

### 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	1 NC + 1 NO
Contact operation	Snap action
Cable entry	1 entry tapped for M16 x 1.5
Cable outer diameter	7...10 mm
Electrical connection	Terminal, clamping capacity: 1 x 0.34...2 x 1.5 mm <sup>2</sup>
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
[Ie] rated operational current	3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, 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)

<b>Actuator forcible withdrawal rtc</b>	10 N
<b>Maximum operating rate</b>	10 cyc/mn for maximum durability
<b>Safety level</b>	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
<b>Safety reliability data</b>	B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear
<b>Body material</b>	PA (polyamide)
<b>Head material</b>	PA (polyamide)
<b>Depth</b>	30 mm
<b>Height</b>	94 mm
<b>Width</b>	30 mm
<b>Net weight</b>	0.11 kg

## Environment

<b>Standards</b>	EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60204-1 EN 1088/ISO 14119 EN/ISO 12100 UL 508
<b>Product certifications</b>	CSA UL
<b>Protective treatment</b>	TC
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Vibration resistance</b>	5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	10 gn for 11 ms conforming to IEC 60068-2-27
<b>Electrical shock protection class</b>	Class II conforming to EN/IEC 61140
<b>IP degree of protection</b>	IP67 conforming to EN/IEC 60529 IP67 conforming to EN/IEC 60947-5-1

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	110.0 g
<b>Package 1 Height</b>	3.2 cm
<b>Package 1 width</b>	4.8 cm
<b>Package 1 Length</b>	10.4 cm
<b>Unit Type of Package 2</b>	S01
<b>Number of Units in Package 2</b>	20
<b>Package 2 Weight</b>	2.39 kg
<b>Package 2 Height</b>	15 cm
<b>Package 2 width</b>	15 cm
<b>Package 2 Length</b>	40 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl 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>

## Contractual warranty

<b>Warranty</b>	18 months
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