Product data sheet
Characteristics

XCSPA793
Safety switch, Telemecanique Safety switches XCS, plastic XCSPA, 1 NC + 1 NC, slow break, 1 entry tapped 1/2" NPT

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
Contact operation	Slow-break, simultaneous
Cable entry	1 entry tapped for 1/2" NPT
Electrical connection	Terminal, clamping capacity: 1 x 0.5...2 x 1.5 mm² 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
[Ie] rated operational current	6 A at 120 V, AC-15, A300 conforming to IEC 60947-5-1 3 A at 240 V, AC-15, A300 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q300 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q300 conforming to 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 IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-5-1
Short-circuit protection	10 A cartridge fuse type 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 conforming to ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to 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
Height	107 mm
Width	30 mm
Net weight	0.11 kg

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.
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Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.400 cm
Package 1 Width	5.000 cm
Package 1 Length	13.000 cm
Package 1 Weight	114.000 g
Unit Type of Package 2	S01
Number of Units in Package 2	20
Package 2 Height	15.000 cm
Package 2 Width	15.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.461 kg

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	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 www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months