XCSTA892

Safety switch, Telemecanique Safety switches XCS, plastic XCSTA, 3 NC, slow break, 2 entries tapped M16





Main

Range of product	Telemecanique Safety switches XCS	
Product or component type	Safety switch	
Component name	XCSTA	
Design	Compact	
Material	Plastic	
Head type	Key operated turret head	
Contacts type and composition	3 NC	
Contact operation	Slow-break, simultaneous	
Cable entry	2 entries tapped for M16 x 1.5	
Cable outer diameter	710 mm	
Electrical connection	Terminal, clamping capacity: 1 x 0.52 x 1.5 mm ² with or without cable end	
Number of poles	3	
Locking options description	Without locking of actuator	

Complementary

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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
[le] rated operational current	6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 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
[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 EN/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 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	30 mm
Height	115 mm
Width	52 mm
Net weight	0.16 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 inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. This documentation is not integrated to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	EN/IEC 60204-1 EN/ISO 12100 UL 508 EN 1088/ISO 14119 CSA C22.2 No 14 EN/IEC 60947-5-1
Product certifications	UL CSA
Protective treatment	TC
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	5 gn (f= 10500 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 EN/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 Weight	169 g	
Package 1 Height	3.6 cm	
Package 1 width	6.3 cm	
Package 1 Length	13.7 cm	

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) [™] EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	€Yes
Environmental Disclosure	☑ Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Contractad warranty	
Warranty	18 months