Product data sheet
Characteristics

XCSB513
metal safety switch XCSB - 1 NC + 2 NO - slow break - 1 entry tapped 1/2" NPT

Product Life Status :	END OF COMMERCIALIZATION
	TODAY JAN 29, 2021
End of Commercialization NOV 03, 2020	End of Standard Service NOV 30, 2021



Main

Range of product	Preventa Safety detection
Product or component type	Safety switch
Component name	XCSB
Design	Industrial
Material	Metal
Head type	Key operated turret head
Contacts type and composition	1 NC + 2 NO
Contact operation	Slow-break, break before make
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	3
Locking options description	With locking of actuator, unlocking by push-button
Local signalling	1 LED (orange) for on opening of NC contacts
Signalling circuit voltage	24/48 V

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Complementary

Positive opening	With NC contact
Signalling circuit type	AC/DC
Mechanical durability	600000 cycles
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 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
[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	EN/IEC 60947-5-1 6 kV
Short-circuit protection	10 A cartridge fuse type gG (gl)
Actuator forcible withdrawal rtc	1500 N

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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.
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Minimum actuator force for extraction	20 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	Zamak
Head material	Zamak
Depth	44 mm
Height	114 mm
Width	52 mm
Net weight	0.475 kg

Environment

Standards	EN/IEC 60204-1 EN/IEC 60947-5-1 EN 1088/ISO 14119 CSA C22.2 No 14 EN/ISO 12100 UL 508
Product certifications	CSA 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 I 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	508 g
Package 1 Height	12.2 cm
Package 1 width	5 cm
Package 1 Length	6.8 cm

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months