Product data sheet Characteristics

XCSB513

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

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

Price*: 289.00 USD



Main

Man		
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 1/2" NPT	
Electrical connection	Terminal, 1 x 0.52 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 (on opening of NC contacts)	
Signalling circuit voltage	24/48 V	

Complementary

Positive opening	With NC contact	
Signalling circuit type	AC/DC	
Mechanical durability	600000 cycles	
Minimum actuation speed	0.03 ft/s (0.01 m/s)	:
Maximum actuation speed	1.64 ft/s (0.5 m/s)	
[le] rated operational current	6 A at 120 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1 3 A at 240 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1 0.55 A at 125 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V utilisation category 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 CSA C22.2 No 14 500 V conforming to EN/IEC 60947-1 300 V conforming to UL 508	- - -
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-5-1	
Short-circuit protection	10 A cartridge fuse type gG (gl)	:

1500 N
>= 20 N
10 cyc/mn for maximum durability
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
B10d = 5000000 (value given for a life time of 20 years limited by mechanical or contact wear)
Zamak
Zamak
1.73 in (44 mm)
4.49 in (114 mm)
2.05 in (52 mm)
1.05 lb(US) (0.475 kg)

Environment

Standards	EN 1088/ISO 14119 EN/ISO 12100 EN/IEC 60947-5-1 CSA C22.2 No 14 UL 508 EN/IEC 60204-1
Product certifications	UL CSA
Protective treatment	TC
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient air temperature for storage	-40158 °F (-4070 °C)
Vibration resistance	5 gn (f = 10500 Hz) conforming to IEC 60068-2-6
Shock resistance	10 gn 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

Ordering and shipping details

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Offer Sustainability

Product end of life instructions	Need no specific recycling operations
	Reference not containing SVHC above the threshold
REACh	Reference not containing SVHC above the threshold
	Will not be compliant
RoHS (date code: YYWW)	Will not be compliant

Contractual warranty

- Contraction was also		
Warranty period	18 months	