

Product data sheet

Characteristics

XCSC513

Safety switch, Telemecanique Safety switches XCS, metal XCSC, 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

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Safety switch
Component name	XCSC
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 0.5...2 x 1.5 mm ² with or without cable end
Number of poles	3
Locking options description	With locking of actuator, unlocking by key operated lock
Local signalling	For on opening of NC contacts 1 LED (orange)
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)
[Ie] rated operational current	6 A 120 V, AC-15, A300 EN/IEC 60947-5-1 3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q300 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 VUL 508 500 VEN/IEC 60947-1 300 VCSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 KV EN/IEC 60947-5-1
Short-circuit protection	10 A cartridge fuse gG (gl)

Actuator forcible withdrawal rtc	1500 N
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 EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly-wired EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly-wired 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
Maximum Depth	1.73 In (44 mm)
Maximum Height	4.49 In (114 mm)
Maximum Width	2.05 In (52 mm)
Net Weight	1.06 Lb(US) (0.48 kg)

Environment

Standards	EN/IEC 60204-1 EN/ISO 12100 EN 1088/ISO 14119 UL 508 EN/IEC 60947-5-1 CSA C22.2 No 14
Product Certifications	UL CSA
Protective treatment	TC
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Vibration resistance	5 gn 10...500 Hz)IEC 60068-2-6
Shock resistance	10 gn 11 ms IEC 60068-2-27
Electrical shock protection class	Class I EN/IEC 61140
IP degree of protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	03389110719192
Nbr. of units in pkg.	1
Package weight(Lbs)	0.5 Lb(US) (0.23 kg)
Returnability	No
Country of origin	FR

Packing Units

Package 1 Height	0.046 Dm
Package 1 width	0.065 Dm
Package 1 Length	0.117 Dm

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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
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
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Product Life Status : **Commercialised**