Product data sheet
Characteristics

XCSLF2727313

Safety switch, Telemecanique Safety switches XCS, metal XCSLF, 4 NC, slow break, 3 entries tapped 1/2" NPT, 24 V

Green Premium™ Product

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

Price*: 261.00 USD

Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Safety switch
Component name	XCSLF
Design	Slim
Material	Metal
Head type	Key operated turret head
Contacts type and composition	2 NC
Contact operation	Slow-break, simultaneous
Solenoid contacts type and composition	2 NC slow-break, simultaneous)
Cable entry	3 entries tapped 1/2" NPT
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] rated supply voltage	24 V - 15...10 %
Electrical connection	Spring terminal 1 x 1.5 mm² flexible or solid cable Spring terminal 2 x 0.5 mm² flexible cables with 13 mm bared ends
Number of poles	2
Locking options description	With interlocking, locking by solenoid
Local signalling	1 LED (orange) for actuator withdrawn 1 LED (green) for actuator inserted and locked
Signalling circuit voltage	24 V

Complementary

Positive opening	With NC contact
Supply voltage type	AC/DC
Supply frequency	50/60 Hz
Load factor	1
Signalling circuit type	AC/DC
Mechanical durability	1000000 Cycles
Minimum actuation speed	0.03 Ft/S (0.01 m/s)

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Maximum actuation speed	1.64 Ft/S (0.5 m/s)
[Ie] rated operational current	0.55 A 24 V, DC-13, R300 EN/IEC 60947-5-1 0.75 A 240 V, AC-15, C300 EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	4 A
Maximum load current	<= 15 A
[Ui] rated insulation voltage	300 VUL 508 300 VCSA C22.2 No 14 250 V 3)EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 KV EN/IEC 60947-5-1
Minimum switching current	10 MA at 20 °C
Minimum switching voltage	17 V
Short-circuit protection	4 A cartridge fuse gG (gl) 6 A fast blow
Maximum actuator forcible withdrawal rtc	3000 N
Minimum actuator force for extraction	20 N
Resistance to mechanical impact	9.6 J against the partition 6.4 J without partition
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 EN/IEC 61508
Safety reliability data	B10d = 5500000 value given for a life time of 20 years limited by mechanical or con- tact wear
Body Material	Zamak
Head material	Zamak
Maximum Depth	2.01 In (51 mm)
Maximum Height	8.07 In (205 mm)
Maximum Width	1.73 In (44 mm)
Net Weight	2.43 Lb(US) (1.1 kg)

Environment

Standards	UL 508 EN 1088/ISO 14119 EN/ISO 13849-1 EN/IEC 60947-5-1 EN/IEC 62061 EN/IEC 60204-1 CSA C22.2 No 14
Product Certifications	UL CSA TÜV
Protective treatment	TC
Ambient Air Temperature for Operation	-13…140 °F (-25…60 °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	IP66 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 IP67

Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	03606489413286
Nbr. of units in pkg.	1
Package weight(Lbs)	2.80 Lb(US) (1.27 kg)

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Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.20 In (5.6 cm)
Package 1 width	2.95 In (7.5 cm)
Package 1 Length	9.02 In (22.9 cm)

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
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

Warranty	18 months

Product Life Status :   Commercialised