



Main

Range of product	Preventa Safety detection
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 + 1 NO
Contact operation	Slow-break, break before make
Solenoid contacts type and composition	2 NC + 1 NO (slow-break, break before make)
Electromagnet interlocking	Locking on energisation and unlocking on de-energisation of solenoid
[Us] rated supply voltage	24 V (- 15...10 %)
Cable outer diameter	0.28...0.51 in (7...13 mm)
Electrical connection	Male connector M23 19 pins
Number of poles	3
Locking options description	With interlocking, locking by solenoid
Local signalling	1 LED orange (actuator withdrawn) 1 LED green (actuator inserted and locked)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)
Maximum actuation speed	1.64 ft/s (0.5 m/s)
[Ie] rated operational current	1.5 A at 24 V 0.22 A at 24 V
[Ithe] conventional enclosed thermal current	4 A
Maximum load current	<= 15 A
[Ui] rated insulation voltage	60 V (degree of pollution: 3) conforming to EN/IEC 60947-1 50 V conforming to UL 508 50 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	0.8 kV conforming to 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 type gG (gl) 6 A type fast blow
Actuator forcible withdrawal rtc	3000 N
Actuator force for extraction	>= 20 N
Resistance to mechanical impact	9.6 J against the partition 6.4 J without partition
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 conforming to EN/IEC 61508

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator 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.

Safety reliability data	B10d = 5500000 (value given for a life time of 20 years limited by mechanical or contact wear)
Body material	Zamak
Head material	Zamak
Depth	2.01 in (51 mm)
Height	8.86 in (225 mm)
Width	1.73 in (44 mm)
Product weight	2.43 lb(US) (1.1 kg)

Environment

standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 62061 EN/ISO 13849-1 UL 508 CSA C22.2 No 14
product certifications	CSA TÜV UL
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 (f = 10...500 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	IP65 IP65 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 1045 - Schneider Electric declaration of conformity	Compliant - since 1045 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	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.	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	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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