Product data sheet
Characteristics

XCSLE2525542
plastic safety switch XCSLE - 2NC+2NO- slow break - 3 entries tapped M20 -230V



Main

Range of product	Preventa Safety detection
Product or component type	Safety switch
Component name	XCSLE
Design	Slim
Material	Plastic
Head type	Key operated turret head
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make
Solenoid contacts type and composition	1 NC + 1 NO (slow-break, break before make)
Cable entry	3 entries tapped M20 x 1.5
Electromagnet interlocking	Locking on energisation and unlocking on de-energisation of solenoid
[Us] rated supply voltage	230 V (- 15...10 %)
Cable outer diameter	7...13 mm
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Local signalling	1 LED orange (actuator withdrawn) 1 LED green (actuator inserted and locked)
Signalling circuit voltage	230 V

Complementary

Insulation	Double insulated
Positive opening	With NC contact
Supply voltage type	AC/DC
Supply frequency	50/60 Hz
Load factor	1
Signalling circuit type	AC
Mechanical durability	1000000 cycles
Minimum actuation speed	0.01 m/s
Maximum actuation speed	0.5 m/s

Disclaimer: 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

[Ie] rated operational current	0.55 A at 24 V utilisation category DC-13, R300 conforming to EN/IEC 60947-5-1 0.75 A at 240 V utilisation category AC-15, C300 conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	4 A
Maximum load current	<= 15 A
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 300 V conforming to UL 508
[Uimp] rated impulse withstand voltage	4 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 (gI) 6 A type fast blow
Actuator forcible withdrawal rtc	1400 N
Actuator force for extraction	>= 20 N
Resistance to mechanical impact	1.2 J against the partition 4.9 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
Safety reliability data	B10d = 5500000 (value given for a life time of 20 years limited by mechanical or contact wear)
Body material	PA (polyamide)
Head material	PA (polyamide)
Depth	51 mm
Height	205 mm
Width	44 mm
Product weight	0.53 kg

Environment

Standards	EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 62061 EN 1088/ISO 14119 CSA C22.2 No 14 EN/ISO 13849-1 UL 508
Product certifications	UL CSA TÜV
Protective treatment	TC
Ambient air temperature for operation	-25...60 °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 II conforming to EN/IEC 61140
IP degree of protection	IP66 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 IP67

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1103 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Available

	End of life manual

Contractual warranty

Warranty period	18 months