



metal safety switch XCSLF - 2NC +2NO- slow break - 3 entries tapped M20 - 230 V

Local distributor code: 400944342 XCSLF2525342

EAN Code: 3606489413330

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	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 for M20 x 1.5
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] Solenoid Rated Supply voltage	230 V - 1510 %
Cable outer diameter	713 mm
Electrical connection	Spring terminal, clamping capacity: $1 \times 1.5 \text{ mm}^2$ flexible or solid cable Spring terminal, clamping capacity: $2 \times 0.5 \text{ mm}^2$ flexible cables with 13 mm bared ends
Number of poles	2
Locking options description	With interlocking, locking by solenoid
Local signalling	LED (orange) for actuator withdrawn LED (green) for actuator inserted and locked
Signalling circuit voltage	230 V

Complementary

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		
D.75 A at 240 V. AC-15, CSDD conforming to ENIEC 66947-5-1 Titled Conventional enclosed thermal current	Maximum actuation speed	0.5 m/s
thermial current Maximum load current = 15 A [Uii] rated insulation voltage	[le] rated operational current	
[UI] rated insulation voltage 300 V conforming to UL 608 300 V conforming to CSA C22 2 No 14 200 V (conflorming to CSA C22 2 No 14 200 V (conflorming to ENRICC 60947-5-1 [UImp] rated impulse withstand voltage 4 KV conforming to ENRICC 60947-6-1 Minimum switching current 10 mA at 20 °C Minimum switching voltage 17 V Short-circuit protection 4 A cartridge fase type gG (gt) 6 A type fast blow Maximum actuator forcible withdrawal rte Minimum actuator force for extraction Resistance to mechanical impact 10 cycrim for maximum durability Maximum operating rate 10 cycrim for maximum durability Safety level 2 Can reach category 4 with the appropriate monitoring system and correctly wired conforming to ENRISC 19389-7 Can reach 181. 3 conforming to ENRISC 19389-7 Can reach 181. 3 conforming to ENRISC 19389-8 Can reach 181. 3 conforming to ENRISC 19389-8 Can reach 181. 3 conforming to ENRISC 19389-8 Can reach 181. 4 conforming to ENRISC 19389-8 Can reach 181. 5 conforming to ENRISC 19389-8 Can reach 181. 5 conforming to ENRISC 19389-9 Can reach 181. 5 conforming to ENR		4 A
S00 V conforming to CSA C222 No. 14 250 V (pollution degree 3) conforming to ENIEC 60947-6 Voltage	Maximum load current	<= 15 A
woltage Minimum switching current 10 mA at 20 °C Minimum switching voltage 17 V Short-circuit protection 4 A Coffidge fise type gG (gf) 6 A type fast blow Maximum actuator forcible withdrawal rto Minimum actuator force for extraction 8 S J against the partition 6 4 J without partition 8 A J without partition partition monitoring system and correctly wired conforming to ENISC (1994) 1 A J W J W With the appropriate monitoring system and correctly wired conforming to ENISC (1994) 1 A J W Wilde A J W Wilde A J W Wilder A J W W W W W W W W W W W W W W W W W W	[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14
Minimum switching voltage 17 V Short-circuit protection 4 A cartridge fuse type gC (g1) 6 A type fast blow (A type fast		4 kV conforming to EN/IEC 60947-5-1
Short-circuit protection 4 A cartridge fuse type gG (gI) 6 A type fast blow Maximum actuator forcible withdrawal rtc Minimum actuator force for extraction Minimum actuator force for extraction Maximum operating rate 10 - syctim for maximum durability Safety level Can reach category 4 with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISC 81509-1 Shelf Eniscondary and correctly wired conforming to ENISC 81509-1 Shelf Eniscondary and correctly wired conforming to ENISC 81509-1 Shelf Eniscondary and correctly wired conforming to ENISC 81509-1 Shelf Eniscondary and correctly wired conforming to ENISC 81509-1 Shelf Eniscondary and correctly wired conforming to ENISC 81440 Shelf Eniscondary and correctly wired conforming to ENISC 81440 Shelf Eniscondary and correctly wired conforming to ENISC 81440 Shelf Eniscondary and correctly wired conforming to ENISC 81440 Shelf Eniscondary and correctly wired conforming to ENISC 81440 Shelf Eniscondary and correctly wired conforming to ENISC 81440 Shelf Eniscondary and correctly wired conforming to ENISC 81440	Minimum switching current	10 mA at 20 °C
Maximum actuator forcible withdrawal rtc Minimum actuator force for extraction Minimum actuator force for extraction Maximum operating rate 10 cyc/mn for maximum durability Safety level Can reach category 4 with the appropriate monitoring system and correctly wired conforming to ENNSC 13849-1 Can reach SIL 3 conforming to ENNEC 61508 Safety reliability data Brown action of the state o	Minimum switching voltage	17 V
Minimum actuator force for extraction 20 N Resistance to mechanical impact 9.6 J. against the partition 6.4 J without partition 6.4 J without partition 6.4 J without partition 6.5 V with the appropriate monitoring system and correctly wired conforming to ENISO 13849-1 Can reach SIL 3 can r	Short-circuit protection	
Resistance to mechanical impact 9.6 J against the partition 6.4 J without partition 9.4 J with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISC 13849-1 Can reach SIL 3 conforming to ENIEC 61508 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 51 mm Height 205 mm Width 44 mm Net weight 1.1 kg Environment Standards UL 508 ENIEC 60204-1 CSA C222 No 14 ENIEC 60204-1 CSA C222 No 14 ENIEC 60204-1 ENIEC 60347-5-1 Product certifications TU UL CSA Protective treatment TC Ambient air temperature for operation Ambient air temperature for operation 10 gn for 11 ms conforming to IEC 60068-2-27 Electrical shock protection class		3000 N
impact 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 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/IEO 61508 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 51 mm Height 205 mm Width 44 mm Net weight 1.1 kg Environment Standards UL 508 Environment Standards UL 508 Environ C8004-1 EN/IEO 60004-1 EN/IEO 60004-1 EN/IEO 60004-1 EN/IEO 60047-5-1 EN/IEO 60047-5-1 Product certifications TUV CSA Protective treatment TC Ambient air temperature for operation Ambient air temperature for storage Vibration resistance 5 gn (f= 10500 Hz) conforming to IEO 60068-2-27 Electrical shock protection class		20 N
Safety level Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISC 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISC 13849-1 Can reach SIL 3 conforming to EN/IEC 81508 Safety reliability data B10d = 5500000 value given for a life time of 20 years limited by mechanical or contact wear Body material Zamak Depth 51 mm Height 205 mm Width 44 mm Net weight 1.1 kg Environment Standards UL 508 EN/IEC 80204-1 CSA C22.2 No 14 EN/IEC 80204-1 EN/IEC 80204-1 EN/IEC 80204-1 EN/IEC 80947-5-1 Product certifications TÜV UL CSA Protective treatment TC Ambient air temperature for operation Ambient air temperature for storage Vibration resistance 5 gn (r= 10500 Hz) conforming to IEC 80068-2-6 Shock resistance 10 gn for 11 ms conforming to IEC 60068-2-27 Electrical shock protection class		
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	Maximum operating rate	10 cyc/mn for maximum durability
Body material Zamak	Safety level	Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1
Head material Zamak	Safety reliability data	B10d = 5500000 value given for a life time of 20 years limited by mechanical or contact wear
Depth 51 mm	Body material	Zamak
Height 205 mm	Head material	Zamak
Width 44 mm Net weight 1.1 kg Environment UL 508 Standards UL 508 EN/IEC 60204-1 CSA C22.2 No 14 EN/IEC 62081 EN 1088/ISO 14119 EN/ISO 13849-1 EN/IEC 60947-5-1 Product certifications TÜV UL CSA Protective treatment TC Ambient air temperature for operation -2560 °C Ambient air temperature for storage -4070 °C Vibration resistance 5 gn (f= 10500 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 I conforming to EN/IEC 61140	Depth	51 mm
Standards	Height	205 mm
Standards	Width	44 mm
Standards	Net weight	1.1 kg
EN/IEC 60204-1	Environment	
Protective treatment TC Ambient air temperature for operation Ambient air temperature for storage Vibration resistance 5 gn (f= 10500 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 I conforming to EN/IEC 61140	Standards	EN/IEC 60204-1 CSA C22.2 No 14 EN/IEC 62061 EN 1088/ISO 14119 EN/ISO 13849-1
Ambient air temperature for operation Ambient air temperature for storage Vibration resistance 5 gn (f= 10500 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 I conforming to EN/IEC 61140	Product certifications	UL
Ambient air temperature for storage Vibration resistance 5 gn (f= 10500 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 I conforming to EN/IEC 61140	Protective treatment	TC
storage Vibration resistance 5 gn (f= 10500 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 I conforming to EN/IEC 61140		-2560 °C
Shock resistance 10 gn for 11 ms conforming to IEC 60068-2-27 Electrical shock protection class Class I conforming to EN/IEC 61140		-4070 °C
Electrical shock protection class I conforming to EN/IEC 61140	Vibration resistance	5 gn (f= 10500 Hz) conforming to IEC 60068-2-6
class	Shock resistance	10 gn for 11 ms conforming to IEC 60068-2-27
IP degree of protection IP66 conforming to EN/IEC 60529 and EN/IEC 60947-5-1		Class I conforming to EN/IEC 61140
	IP degree of protection	IP66 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

Packing Units

Unit Type of Package 1	Db
Number of Units in Package 1	1
Package 1 Height	5.7 cm
Package 1 Width	7.3 cm
Package 1 Length	22.8 cm
Package 1 Weight	1.245 kg
Unit Type of Package 2	S02
Number of Units in Package 2	10
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	12.905 kg

Offer Sustainability

Sustainable offer status	Green Premium product
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

Recommended replacement(s)