

Safety switch, Telemecanique Safety switches XCS, metal XCSE, 2NC+1 NO slow break, 2entries tapped 1/2" NPT 110/120 V

XCSE7333

EAN Code: 3389110719802

Main

Range of product	Telemecanique Safety switches XCS
Product or component type	Safety switch
Component name	XCSE
Design	Rectangular
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	1 NC + 1 NO (slow-break, simultaneous)
Cable entry	2 entries tapped for 1/2" NPT
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] Solenoid Rated Supply voltage	110/120 V - 2010 %
Electrical connection	Terminal, clamping capacity: 1 x 0.52 x 1.5 mm² with or without cable end
Number of poles	3
Locking options description	With interlocking, locking by solenoid
Local signalling	2 LEDs (green or orange) for guard open/guard closed and locked
Signalling circuit voltage	110/240 V (voltage limits: 95264 V)

Complementary

Positive opening	With NC contact
Supply voltage type	AC/DC
Supply frequency	50/60 Hz
Load factor	1
Power consumption in VA	10 VA inrush 10 VA sealed
Signalling circuit type	AC
Signalling circuit consumption	7 mA
Mechanical durability	1000000 cycles

Minimum actuation speed 0.91 m/s Maximum actuation speed 0.95 A st 25 V, DC-13, 0300 conforming to EMISC 60947-6-1 (27 A st 250 V, DC-13, 0300 conforming to EMISC 60947-6-1 (27 A st 250 V, DC-13, 0300 conforming to EMISC 60947-6-1 (3.8 A st 240 V, AC-15, B300 continum to EMISC 60947-6-1 (3.8 A st 240 V, AC-15, B300 continum to EMISC 60947-6-1 (3.8 A st 240 V, AC-15, B300 continum to EMISC 60947-6-1 (3.8 A st 240 V, AC-15, B300 continum to EMISC 60947-6-1 (Uii) rated impulses withstand of Voltage 0.92 V conforming to EMISC 60947-6-1 Soft-clinical protection 1.02 ventring protection for signalling circuit Actuator forcible withdrawal rice 200 N Maximum operating rate 10 cyclin for maximum duratelity Safety level 20 N Safety level 20 Can reach statespay 4 with the appropriate monitoring system and correctly wired conforming to EMISC 60947-6-1 Safety reliability data 10 cyclin for maximum duratelity Safety reliability data 20 Can reach statespay 4 with the appropriate monitoring system and correctly wired conforming to EMISC 60947 and statespay 4 with the appropriate monitoring system and correctly wired conforming to EMISC 60947 and statespay 4 with the appropriate monitoring system and correctly wired conforming to EMISC 60947 and statespay 4 with the appropriate monitoring system and correctly wired conforming to EMISC 60947 and statespay 4 with the appropriate monitoring system and correctly wired conforming to EMISC 60947 and statespay 4 with the appropriate monitoring system and correctly wired conform		
[le] rated operational current 0.56 A at 125 V. DC-13, 0300 conforming to ENRICE 000417-5-1 0.75 A at 200 V. DC-13, 0300 conforming to ENRICE 000417-5-1 0.75 A at 240 V. DC-13, 0300 conforming to ENRICE 000417-5-1	Minimum actuation speed	0.01 m/s
Care Service Care	Maximum actuation speed	0.5 m/s
thermal current [UII] rated insulation voltage 250 V conforming to ENIEC 60947-51 for signalling circuit [UIII] rated impulse withstand of RV conforming to ENIEC 60947-51 voltage protection to signalling circuit Protection type Overvoltage protection for signalling circuit Short-circuit protection 10 A caturidge fisse type g5 (g)) Actuator forcible withdrawal rtc 2000 N Maximum operating rate 10 cyclim for maximum durability Safety level Can each category 4 with the appropriate monitoring system and correctly wired conforming to ENISO (250 reach) and correctly wired conforming to ENISO (250 reach) (250 r	[le] rated operational current	0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1
[Uimp] rated impulse withstand voltage Protection type Overvoltage protection for signaling circuit Short-circuit protection Actuator forcible withdrawal rtc 2000 N Minimum actuator force for 2000 N Maximum operating rate 10 cyclm for maximum durability Can each category 4 with the appropriate monitoring system and correctly wired conforming to ENISO 13848-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISO 13848-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to ENISO 13848-1 Safety reliability data Bit of 5000 value given for a life time of 20 years limited by mechanical or contact wear Body material Zamak Body material Zamak Bopth 44 mm Height 146 mm Width 98 mm Net weight 1.14 kg Environment Standards En 1088/SO 14110 CSA 0222 2 No 14 ENVICE 00304-1-2-1 UL 508 Product certifications CSA UL 508 Product certifications CSA UL 508 Product certifications S g n(= 10500 Hz) conforming to ENISC 60088-2-8 Shock resistance 10 gr for 11 ms conforming to ENISC 600947-5-1 Electrical shock protection Class 1 conforming to ENIEC 600947-5-1 Electrical shock protection IP67 conforming to ENIEC 600947-5-1 Unit Type of Package 1 Db		6 A
Protection type	[Ui] rated insulation voltage	250 V conforming to EN/IEC 60947-1 for signalling circuit
Short-circuit protection 10 A catriridge fuse type gG (gl) Actuator forcible withdrawal rtc 2000 N Minimum actuator force for extraction Maximum operating rate 10 cyclmn for maximum durability Safety level 20 N can reach category 4 with the appropriate monitoring system and correctly wired conforming to ENISO 13849-1 Can reach 21813 with the appropriate monitoring system and correctly wired conforming to ENISO 13849-1 Can reach 21813 with the appropriate monitoring system and correctly wired conforming to ENISO 13849-1 Can reach 21813 with the appropriate monitoring system and correctly wired conforming to ENISO 13849-1 Can reach 31813 with the appropriate monitoring system and correctly wired conforming to ENISO 13849-1 Can reach 31813 with the appropriate monitoring system and correctly wired conforming to ENISO 13849-1 Can reach 31813 with the appropriate monitoring system and correctly wired conforming to ENISO 13849-1 Can reach 31813 with the appropriate monitoring system and correctly wired conforming to ENISO 31849-1 Can reach 31813 with the appropriate monitoring system and correctly wired conforming to ENISO 31849-1 Can reach 31813 with the appropriate monitoring system and correctly wired conforming to ENISO 31849-1 Can reach 31813 with the appropriate monitoring system and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can reach 329 System and correctly wired conforming to ENISO 31849-1 Can		6 kV conforming to EN/IEC 60947-5-1
Actuator forcible withdrawal rtc 2000 N Minimum actuator force for extraction 20 N Maximum operating rate 10 cycrim for maximum durability Safety level 23 Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 15849-1 Can reach SIL3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 15849-1 Can reach SIL3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 15849-1 Can reach SIL3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 1 Can let the system and correctly wired conforming to EN/ISO 20 September 2 Can let the system and correctly wired conforming to EN/ISO 20 September 2 Can let the system and correctly wired conformin	Protection type	Overvoltage protection for signalling circuit
Minimum actuator force for extraction Maximum operating rate 10 cyclmn for maximum durability Safety level Can reach category 4 with the appropriate monitoring system and correctly wired conforming to ENISO 13949-1 Can reach SiL 3 with the appropriate monitoring system and correctly wired conforming to ENISO 13949-1 Can reach SiL 3 with the appropriate monitoring system and correctly wired conforming to ENISO 13949-1 Can reach SiL 3 with the appropriate monitoring system and correctly wired conforming to ENISO 61508 Safety reliability data B104 = 5000000 value given for a life time of 20 years limited by mechanical or contact wear Body material Zamak Bedy material Zamak Depth 44 mm Height 148 mm Wridth 98 mm Net weight 1.14 kg Environment Standards EN 1088/ISO 14119 CSA C22.2 No 14 ENNISO 222 No 14 ENNISO 21000 ENISC 508947-5-1 UL 598 UL Product certifications CSA UL Protective treatment TC Ambient air temperature for operation Ambient air temperature for 34070 °C Storage Vibration resistance 10 gn for 11 ms conforming to IEC 60068-2-6 Shock resistance 10 gn for 11 ms conforming to IEC 60088-2-7 Electrical shock protection Class I conforming to ENIEC 60529 and ENIEC 60947-5-1 Packing Units Unit Type of Package 1 Db	Short-circuit protection	10 A cartridge fuse type gG (gl)
### Additional Control of the properties of the	Actuator forcible withdrawal rtc	2000 N
Safety level Can reach category 4 with the appropriate monitoring system and correctly wired conforming to ENISO 13848-1 Can reach P.L. e with the appropriate monitoring system and correctly wired conforming to ENISO 13848-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to ENISO 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 Depth 44 mm Height 146 mm Width 98 mm Net weight 1.14 kg Environment Standards EN 1088/ISO 14119 CSA 0222 2 No 14 ENISC 90204-1 ENISC 90204-1 ENISC 90204-1 ENISC 90204-1 ENISC 90204-5-1 UL 508 Product certifications CSA 01L Protective treatment TC Ambient air temperature for operation -4070 °C storage Vibration resistance 5 gn (f= 10500 Hz) conforming to IEC 60088-2-6 Shock resistance 10 gn for 11 ms conforming to IEC 60088-2-7 Electrical shock protection [P67 conforming to ENIEC 60529 and ENIEC 60947-5-1 Packing Units Unit Type of Package 1 Db		20 N
13848-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13848-1 Can reach SLL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61008 Safety reliability data	Maximum operating rate	10 cyc/mn for maximum durability
Body material Zamak Head material Zamak Depth 44 mm Height 146 mm Width 98 mm Net weight 1.14 kg Environment Standards En 1088/ISO 14119 CSA C22.2 No 14 EN/ISO 12100 EN/IEC 6024-1 EN/ISO 12100 EN/IEC 60947-5-1 UL 508 Product certifications CSA UL Protective treatment TC Ambient air temperature for operation daring temperature for storage Vibration resistance 5 gn (t= 10500 Hz) conforming to IEC 60068-2-6 Shock resistance 10 gn for 11 ms conforming to IEC 60068-2-7 Electrical shock protection class IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Unit Type of Package 1 Db	Safety level	13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC
Head material Zamak Depth 44 mm Height 146 mm Width 98 mm Net weight 1.14 kg Environment Standards En 1088/ISO 14119	Safety reliability data	B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear
Depth	Body material	Zamak
Height	Head material	Zamak
Width 98 mm Net weight 1.14 kg Environment Standards En 1088/ISO 14119 CSA C22.2 No 14 ENIEC 609204-1 ENIEC 609204-1 ENIEC 60927-5-1 UL 508 Product certifications CSA UL Protective treatment TC Ambient air temperature for operation -2540 °C operation -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 IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db	Depth	44 mm
Environment	Height	146 mm
Environment Standards EN 1088/ISO 14119 CSA C22.2 No 14 EN/IEC 60204-1 EN/IEC 60204-1 UL 508 Product certifications CSA UL 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 IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db	Width	98 mm
Standards EN 1088/ISO 14119 CSA C22.2 No 14 EN/IEC 60204-1 EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508 Product certifications CSA UL 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 60068-2-7 Electrical shock protection Class I conforming to EN/IEC 61140 LP67 conforming to EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db	Net weight	1.14 kg
CSA C22.2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 60947-5-1 UL 508	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 IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db	Standards	CSA C22.2 No 14 EN/IEC 60204-1 EN/ISO 12100 EN/IEC 60947-5-1
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 IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db	Product certifications	
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 IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db	Protective treatment	TC
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 I conforming to EN/IEC 61140 IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db		-2540 °C
Shock resistance 10 gn for 11 ms conforming to IEC 60068-2-27 Electrical shock protection class IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db		-4070 °C
Electrical shock protection class IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db	Vibration resistance	5 gn (f= 10500 Hz) conforming to IEC 60068-2-6
IP degree of protection IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1 Packing Units Unit Type of Package 1 Db	Shock resistance	10 gn for 11 ms conforming to IEC 60068-2-27
Packing Units Unit Type of Package 1 Db		Class I conforming to EN/IEC 61140
Unit Type of Package 1 Db	IP degree of protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1
Unit Type of Package 1 Db	Packing Units	
Number of Units in Package 1 1		Db
	Number of Units in Package 1	1

Package 1 Height	5.5 cm
Package 1 Width	15.5 cm
Package 1 Length	11.0 cm
Package 1 Weight	1.27 kg
Unit Type of Package 2	S02
Number of Units in Package 2	8
Number of Units in Package 2 Package 2 Height	8 15.0 cm
Package 2 Height	15.0 cm

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)