

XCSE7312

Safety switch, Telemecanique Safety switches
XCS, metal XCSE, 2NC+1 NO, slow break,
2 entries tapped M20, 24 V

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 M20 x 1.5
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] solenoid rate of supply voltage	24/48 V 20...52 V
Cable outer diameter	0.3...0.5 in (7...13 mm)
Electrical connection	Terminal 1 x 0.5...2 x 1.5 mm ² with or without cable end
Number of poles	3
Locking options description	With interlocking, locking by solenoid
Local signalling	For guard open/guard closed and locked 2 LEDs (green or orange)
Signalling circuit voltage	24/48 V 20...52 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/DC
Signalling circuit consumption	7 mA
Mechanical durability	1000000 cycles
Minimum actuation speed	0.03 ft/s (0.01 m/s)
Maximum actuation speed	1.6 ft/s (0.5 m/s)
[Ie] rated operational current	0.55 A 125 V, DC-13, Q300 IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 IEC 60947-5-1 3 A 120 V, AC-15, B300 IEC 60947-5-1 1.5 A 240 V, AC-15, B300 IEC 60947-5-1
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	50 V IEC 60947-1 signalling circuit
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-5-1
Protection type	Overvoltage protection signalling circuit
Short-circuit protection	10 A cartridge fuse gG (gl)
Actuator forcible withdrawal rtc	2000 N

Minimum actuator force for extraction	20 N
Maximum operating rate	10 cyc/mn for maximum durability
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired IEC 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	1.7 in (44 mm)
Height	5.7 in (146 mm)
Width	3.9 in (98 mm)
Net Weight	2.51 lb(US) (1.14 kg)

Environment

Standards	IEC 60947-5-1 IEC 60204-1 EN 1088/ISO 14119 CSA C22.2 No 14 UL 508 ISO 12100
Product Certifications	CSA[RETURN]UL
Protective treatment	TC
Ambient Air Temperature for Operation	-13...104 °F (-25...40 °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 IEC 61140
IP degree of protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

Ordering and shipping details

Category	US1000T22411
Discount Schedule	000T
GTIN	3389110719581
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.24 in (5.700 cm)
Package 1 Width	4.45 in (11.300 cm)
Package 1 Length	6.10 in (15.500 cm)
Package 1 Weight	2.899 lb(US) (1.315 kg)
Unit Type of Package 2	S01
Number of Units in Package 2	4
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	5.91 in (15.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	12.125 lb(US) (5.500 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	128
Package 3 Height	29.53 in (75.000 cm)
Package 3 Width	23.62 in (60.000 cm)
Package 3 Length	31.50 in (80.000 cm)
Package 3 Weight	405.651 lb(US) (184.000 kg)

Offer Sustainability

SCIP Number	59bb8785-7b26-46df-81e5-d89c7fd5f11e
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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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