

# XCSE7313FW1Z1

## SAFETY INTERLOCK LIMIT SWITCH 300VAC 5A T-XCS

Product availability : Stock - Normally stocked in distribution facility



### Main

Range of product	Preventa Safety detection
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 1/2" NPT
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] rated supply voltage	24 V (- 20...10 %)
Electrical connection	Terminal, 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end
Number of poles	3
Locking options description	With interlocking, locking by solenoid
Local signalling	2 LEDs green or orange (guard open/guard closed and locked)
Signalling circuit voltage	24/48 V (voltage limits: 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	1.64 ft/s (0.5 m/s)
[Ie] rated operational current	0.55 A at 125 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 3 A at 120 V utilisation category AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V utilisation category AC-15, B300 conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	50 V for signalling circuit conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-5-1
Protection type	Overvoltage protection signalling circuit
Short-circuit protection	10 A cartridge fuse type gG (gl)
Actuator forcible withdrawal rtc	2000 N
Actuator force for extraction	>= 20 N
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 with the appropriate monitoring system and correctly wired conforming to EN/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	1.73 in (44 mm)
Height	5.75 in (146 mm)
Width	3.86 in (98 mm)
Product weight	2.51 lb(US) (1.14 kg)

## Environment

Standards	CSA C22.2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 EN 1088/ISO 14119 UL 508
Product certifications	CSA 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 (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	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

## Ordering and shipping details

Category	18488 - INDUSTRIAL APPS-NON-NEGOTIABLE-T
Discount Schedule	T
GTIN	00785901537489
Nbr. of units in pkg.	1
Package weight(Lbs)	3
Returnability	N
Country of origin	ID

## Contractual warranty

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Warranty period	18 months
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