



Main

Range of product	Preventa Safety detection
Product or component type	Guard switch
Component name	XCSE
Material	Metal
Head type	Key operated turret head
Cable entry	2 entries tapped 1/2" NPT
Electrical connection	Terminal
Number of poles	3
Contacts type and composition	1 NC + 1 NC + 1 NO 1 NC + 1 NO solenoid
Locking options description	With interlocking, locking by solenoid
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] rated supply voltage	24 V - 20...10 %
Local signalling	2 LED green or orange guard open/guard closed and locked
Signalling circuit voltage	24/48 V 20...52 V

Complementary

Clamping connection capacity	1 x 0.5...2 x 1.5 mm ² with or without cable end
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
Service life in hours	20000 h solenoid 100000 h LED
Mechanical durability	≥ 1000000 cycles
Minimum actuation speed	0,01 m/s
Maximum actuation speed	0,5 m/s
Contact code designation	B300 AC-15 240 V 1,5 A EN/IEC 60947-5-1 B300 AC-15 120 V 3 A EN/IEC 60947-5-1 Q300 DC-13 250 V 0,27 A EN/IEC 60947-5-1 Q300 DC-13 125 V 0,55 A EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	50 V EN/IEC 60947-1 signalling circuit
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-5-1
Resistance across terminals	≤ 30 mOhm EN/IEC 60947-5-4
Protection type	Overvoltage protection signalling circuit
Short circuit protection	10 A cartridge fuse gG (gl)
Actutr forcible withdrawal rtc	2000 N
Actuator force for extraction	≥ 20 N
Operating rate	10 cyc/mn for maximum durability
Body material	Zamak

Head material	Zamak
Product weight	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	-25...40 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	5 gn 10...500 Hz IEC 60068-2-6
Shock resistance	10 gn 11 ms IEC 60068-2-27
Class of protection against electric shock	Class I EN/IEC 60536
IP degree of protection	IP67 EN/IEC 60529 and EN/IEC 60947-5-1
RoHS EUR conformity date	0851
RoHS EUR status	Compliant