

XCSE5332

metal guard switch XCSE - 1NC+2NO-slow
break- 2 entries tapped M20 x 1.5



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 M20 x 1.5
Cable outer diameter	7...13 mm
Electrical connection	Terminal
Number of poles	3
Contacts type and composition	1 NC + 1 NO on solenoid 1 NC + 1 NO + 1 NO on output
Contacts operation	Slow break, (2 NO staggered)
Locking options description	With interlocking, locking by solenoid
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] rated supply voltage	110/120 V (- 20...10 %)
Local signalling	2 LED green or orange (guard open/guard closed and locked)
Signalling circuit voltage	110/240 V (voltage limits: 95...264 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
Signalling circuit consumption	7 mA
Service life in hours	For solenoid For 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 (Ue = 240 V , Ie = 1.5 A) conforming to EN/IEC 60947-5-1 B300 , AC-15 (Ue = 120 V , Ie = 3 A) conforming to EN/IEC 60947-5-1 Q300 , DC-13 (Ue = 250 V , Ie = 0.27 A) conforming to EN/IEC 60947-5-1 Q300 , DC-13 (Ue = 125 V , Ie = 0.55 A) conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	250 V for signalling circuit conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-5-1
Resistance across terminals	≤ 30 mOhm conforming to EN/IEC 60947-5-4
Protection type	Overvoltage protection for signalling circuit
Short circuit protection	10 A cartridge fuse type gG (gl)
Actutr forcible withdrawal rtc	2000 N
Actuator force for extraction	≥ 20 N

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Operating rate	10 cyc/mn for maximum durability
Safety level	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 IEC 61508 Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1
Safety reliability data	B10d = 5000000 (value given for a life time of 10 years limited by mechanical or contact wear)
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 (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	10 gn for 11 ms conforming to IEC 60068-2-27
Class of protection against electric shock	Class I conforming to EN/IEC 60536
IP degree of protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1
RoHS EUR conformity date	4Q2009
RoHS EUR status	Will be compliant