Product data sheet
Characteristics

XCSE7332
metal safety switch XCSE - 2NC+1NO-slow break-2entries tapped M20-110/120V



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 for M20 x 1.5
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] solenoid rated supply voltage	110/120 V AC -20...10 %
Cable outer diameter	7…13 mm
Electrical connection	Terminal, clamping capacity: 1 x 0.5...2 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: 95...264 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	0.01 m/s
Maximum actuation speed	0.5 m/s
[Ie] rated operational current	0.55 A at 125 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 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 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	250 V conforming to EN/IEC 60947-1 for signalling circuit
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-5-1
Protection type	Overvoltage protection for signalling circuit
Short-circuit protection	10 A cartridge fuse type gG (gl)
Actuator forcible withdrawal rtc	2000 N
Minimum actuator force for extraction	20 N

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

Maximum 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	44 mm
Height	146 mm
Width	98 mm
Net weight	1.14 kg

Environment

Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 EN/ISO 12100 EN/IEC 60204-1 EN 1088/ISO 14119 UL 508
Product certifications	UL CSA
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
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	PCE
Number of Units in Package 1	1
Package 1 Weight	1.29 kg
Package 1 Height	5.6 cm
Package 1 width	15.4 cm
Package 1 Length	11.2 cm
Unit Type of Package 2	S02
Number of Units in Package 2	8
Package 2 Weight	10.595 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 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