

XCSPR952

plastic guard switch XCSPR - 2 NC + 1 NO -
rotary axis - 1 entry tapped M16 x 1.5

Main

Range of product	Preventa Safety detection
Product or component type	Guard switch
Component name	XCSPR
Material	Plastic
Head type	Turret head rotary axis
Insulation	Double insulated
Cable entry	1 entry tapped M16 x 1.5
Electrical connection	Terminal
Clamping connection capacity	1 x 0.34...2 x 0.75 mm ² with or without cable end
Type of operator	Spindle 30 mm
Number of poles	3
Contacts type and composition	1 NC + 1 NC + 1 NO
Contacts operation	Slow break, (NO staggered)

Complementary

Cable outer diameter	7...10 mm
Positive opening	With NC contact
Tripping angle	5 °
Mechanical durability	1000000 cycles
Minimum torque for tripping	0.1 N.m
Positive opening minimum torque	0.25 N.m
Minimum actuation speed	0.01 m/s
Contact code designation	A300 , AC-15 (Ue = 240 V , Ie = 3 A) conforming to EN/IEC 60947-5-1 A300 , AC-15 (Ue = 120 V , Ie = 6 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
[Ui] rated insulation voltage	300 V conforming to UL 508 300 V conforming to CSA C22-2 No 14 400 V (degree of pollution: 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-5-4
Resistance across terminals	≤ 30 mOhm conforming to EN/IEC 60947-5-4
Short circuit protection	6 A cartridge fuse type gG (gl)
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)
Enclosure material	Polyamide PA66 fibre glass impregnated
Lever material	Stainless steel
Product weight	0.105 kg

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Environment

Standards	CSA C22-2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/ISO 12100 EN 1088/ISO 14119 UL 508
Product certifications	BG CSA UL
Protective treatment	TC TH
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	50 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
Class of protection against electric shock	Class II conforming to IEC 60536
IP degree of protection	IP67 conforming to IEC 60529
RoHS EUR conformity date	4Q2010
RoHS EUR status	Will be compliant