Product datasheet
Characteristics

XCSPL962
safety switch XCSPL - straight lever - to right or to left - 2NC+1NO -M16



Main

Range of product	Preventa Safety detection
Product or component type	Guard switch
Component name	XCSPL
Material	Plastic
Head type	Turret head rotary lever
Insulation	Double insulated
Type of operator	Straight lever
Operator direction information	To right or to left
Electrical connection	Terminal
Contacts type and composition	1 NC + 1 NC + 1 NO
Contacts operation	Slow-break, break before make
Clamping connection capacity	1 x 0.34...2 x 0.75 mm² with or without cable end
Cable entry	1 entry tapped M16 x 1.5
Number of poles	3

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	0.1 m/s
Contact code designation	B300, AC-15 (Ue = 120 V, Ie = 6 A) conforming to EN/IEC 60947-5-1 B300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 Q300, DC-13 (Ue = 125 V, Ie = 0.2 A) conforming to EN/IEC 60947-5-1 R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	400 V (degree of pollution: 3) conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-5-1
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 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 IEC 61508
Safety reliability data	B10d = 5000000 (value given for a life time of 20 years limited by mechanical or contact wear)
Enclosure material	Polyamide PA66 fibre glass impregnated
Lever material	Stainless steel
Product weight	0.095 kg

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Environment

standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/ISO 12100 UL 508 CSA C22.2 No 14
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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1136 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months