Product data sheet
Characteristics

XCSPL562
safety switch XCSPL - straight lever - to right or to left - 1NC+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 NO
Contact operation	Slow-break, break before make
Clamping connection capacity	1 x 0.5...2 x 1.5 mm² with or without cable end
Cable entry	1 entry tapped for M16 x 1.5
Number of poles	2

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
Contact code designation	A300, AC-15 (Ue = 120 V, Ie = 6 A) conforming to EN/IEC 60947-5-1 A300, AC-15 (Ue = 240 V, Ie = 3 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 Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 500 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-5-1
Maximum resistance across terminals	30 mOhm conforming to EN/IEC 60947-5-4
Short-circuit protection	10 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
Width	103 mm
Height	88 mm
Depth	30 mm
Net weight	0.095 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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Environment

Standards	EN/IEC 60947-5-4 EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508 EN/ISO 12100 EN 1088/ISO 14119 CSA C22.2 No 14
Product certifications	BG CSA UL
Protective treatment	TH TC
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
Electrical shock protection class	Class II conforming to EN/IEC 61140
IP degree of protection	IP67 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	125 g
Package 1 Height	3.2 cm
Package 1 width	3.8 cm
Package 1 Length	20 cm
Unit Type of Package 2	S01
Number of Units in Package 2	12
Package 2 Weight	1.722 kg
Package 2 Height	15 cm
Package 2 width	15 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