

Product data sheet

XCSPL553

Safety switch XCSPL, 1NC+1NO, 1/2" NPT, straight lever, rotary lever, hinge, centred

Main

Range of product	Telemecanique Safety switches XCS
Product or component type	Guard switch
Component name	XCSPL
ETIM classification	ETIM 9 - EC000030 - End switch
Head type	Turret head rotary lever
Material	Plastic
Lever material	Stainless steel
Enclosure material	Polyamide PA66 fibre glass impregnated
Type of operator	Straight lever
Number of poles	2
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired conforming to ISO 13849-1, can reach PL = e with the appropriate monitoring system and correctly wired conforming to 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
Operator direction information	Centred
Product certifications	BG CSA UL
Standards	CSA C22.2 No 14 EN 1088/ISO 14119 IEC 60204-1 IEC 60947-5-1 IEC 60947-5-4 ISO 12100 UL 508
Indivisible sale quantity	1

Complementary

Mechanical durability	1000000 cycles
Minimum torque for tripping	0.1 N.m
Cable entry	1 entry tapped for 1/2" NPT
Contact code designation	A300, AC-15 (Ue = 120 V, Ie = 6 A) conforming to IEC 60947-5-1, A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to IEC 60947-5-1, Q300, DC-13 (Ue = 125 V, Ie = 0.55 A) conforming to IEC 60947-5-1, Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to IEC 60947-5-1
Electrical connection	Terminal

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.
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Positive opening	With NC contact
Positive opening minimum torque	0.25 N.m
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-5-1
[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 IEC 60947-1
[Ithe] conventional enclosed thermal current	10 A
Resistance across terminals	30 mOhm conforming to IEC 60947-5-4
Electrical shock protection class	Class II conforming to IEC 61140
Short-circuit protection	10 A cartridge fuse type gG (gI)
Insulation	Double insulated
Clamping connection capacity	1 x 0.5...2 x 1.5 mm² with or without cable end
Width	30 mm
Depth	30 mm
Product weight	0.095 kg

Environment

IP degree of protection	IP67 conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	50 gn (f= 10-500 Hz) conforming to IEC 60068-2-6
Protective treatment	TC TH

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Warranty

Warranty	18 months

Packing Units

Country of origin	FR (France)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916046265

Package 1 height	3.2 cm
Package 1 width	20 cm
Package 1 length	3.8 cm
Package 1 weight	0.125 kg
Unit type of package 2	S01
Number of units in package 2	12
New Package 2 GTIN 14	13666916046262
Package 2 height	15 cm
Package 2 width	15 cm
Package 2 length	40 cm
Package 2 weight	1.725 kg
New Package 3 GTIN 14	23666916046269