

XCSPR552

Guard switch, Telemecanique Safety switches
XCS, XCSPR, spindle 30 mm, 1NC+1 NO,
M16

Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Guard switch
Component name	XCSPR
Material	Plastic
Head type	Turret head rotary axis
Insulation	Double insulated
Type of operator	Spindle 30 mm
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 mm ² with or without cable end
Cable entry	1 entry tapped M16 x 1.5
Number of poles	2

Complementary

Cable outer diameter	0.3...0.4 in (7...10 mm)
Positive opening	With NC contact
Tripping angle	5 °
Mechanical durability	1000000 cycles
Minimum torque for tripping	0.9 lbf.in (0.1 N.m)
Positive opening minimum torque	2.21 lbf.in (0.25 N.m)
Contact code designation	A300, AC-15 (Ue = 120 V, Ie = 6 A)IEC 60947-5-1 A300, AC-15 (Ue = 240 V, Ie = 3 A)IEC 60947-5-1 Q300, DC-13 (Ue = 125 V, Ie = 0.55 A)IEC 60947-5-1 Q300, DC-13 (Ue = 250 V, Ie = 0.27 A)IEC 60947-5-1
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 VUL 508 300 VCSA C22.2 No 14 500 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-5-1
Maximum resistance across terminals	30 mOhm IEC 60947-5-4
Short-circuit protection	10 A cartridge fuse gG (gl)
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired 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	1.2 in (30 mm)
Height	3.8 in (96 mm)
Depth	2.4 in (60 mm)
Net Weight	0.231 lb(US) (0.105 kg)

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.

Environment

Standards	ISO 12100 IEC 60947-5-4 CSA C22.2 No 14 IEC 60947-5-1 EN 1088/ISO 14119 UL 508 IEC 60204-1
Product Certifications	CSA[RETURN]UL[RETURN]BG
Protective treatment	TH TC
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Vibration resistance	50 gn 10...500 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27
Electrical shock protection class	Class II IEC 61140
IP degree of protection	IP67 conforming to IEC 60529

Ordering and shipping details

Category	US1000T22411
Discount Schedule	000T
GTIN	3389110177107
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.50 in (3.800 cm)
Package 1 Width	4.33 in (11.000 cm)
Package 1 Length	4.49 in (11.400 cm)
Package 1 Weight	4.797 oz (136.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	18
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	6.318 lb(US) (2.866 kg)

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
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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