



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
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 1/2" NPT
Number of poles	2

Complementary

Cable outer diameter	0.28...0.39 in (7...10 mm)
Positive opening	With NC contact
Tripping angle	5 °
Mechanical durability	1000000 cycles
Minimum torque for tripping	0.88 lbf.in (0.1 N.m)
Positive opening minimum torque	2.21 lbf.in (0.25 N.m)
Contact code designation	A300, AC-15 (U _e = 120 V, I _e = 6 A) conforming to EN/IEC 60947-5-1 A300, AC-15 (U _e = 240 V, I _e = 3 A) conforming to EN/IEC 60947-5-1 Q300, DC-13 (U _e = 125 V, I _e = 0.55 A) conforming to EN/IEC 60947-5-1 Q300, DC-13 (U _e = 250 V, I _e = 0.27 A) conforming to EN/IEC 60947-5-1
[I _{the}] conventional enclosed thermal current	10 A
[U _i] rated insulation voltage	300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 500 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[U _{imp}] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-5-1
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	1.18 in (30 mm)
Height	3.78 in (96 mm)
Depth	2.36 in (60 mm)
Product weight	0.23 lb(US) (0.105 kg)

Environment

standards	EN 1088/ISO 14119 EN/IEC 60204-1
-----------	-------------------------------------

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.

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	-13...158 °F (-25...70 °C)
ambient air temperature for storage	-40...158 °F (-40...70 °C)
vibration resistance	50 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
shock resistance	50 gn 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

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1136 - Schneider Electric declaration of conformity	Compliant - since 1136 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	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.	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	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
-----------------	-----------

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XCSPR553](#)