

Product data sheet

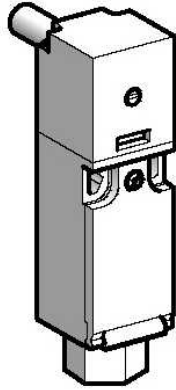
Characteristics

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.

XCSPR753

plastic guard switch XCSPR - 2 NC - rotary
axis - 1 entry tapped 1/2" NPT





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 NC
Contacts operation	Slow-break
Clamping connection	1 x 0.5...2 x 1.5 mm ² with or without cable end capacity
Cable entry	1 entry tapped 1/2" NPT
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	Q300, DC-13 (U _e = 250 V, I _e = 0.27 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 A300, AC-15 (U _e = 240 V, I _e = 3 A) conforming to EN/IEC 60947-5-1 A300, AC-15 (U _e = 120 V, I _e = 6 A) conforming to EN/IEC 60947-5-1
[U _i] rated insulation voltage	500 V conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to CSA C22-2 No 14
[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 SIL 3 with the appropriate monitoring system and correctly wired conforming to IEC 61508 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1
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
CAD overall width	30 mm
CAD overall height	110 mm
CAD overall depth	60 mm
Product weight	0.12 kg

Environment

Standards	CSA C22-2 No 14 EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/ISO 12100 UL 508
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	Compliant - since 1136 - download declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available