

Product data sheet

Specifications



Guard switch, Telemecanique Safety switches XCS, XCSPR, spindle 30 mm, 2NC+1 NO, Pg11

XCSPR951

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 NC + 1 NO
Contact Operation	Slow-break, break before make
Clamping Connection Capacity	1 x 0.34...2 x 0.75 mm ² with or without cable end
Cable Entry	1 entry tapped for Pg 11
Number Of Poles	3

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
Minimum Actuation Speed	0.1 m/s
Contact Code Designation	B300, AC-15 (Ue = 120 V, Ie = 6 A) conforming to EN/IEC 60947-5-1 B300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 Q300, DC-13 (Ue = 125 V, Ie = 0.2 A) conforming to EN/IEC 60947-5-1 R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1
[Ithe] Conventional Enclosed Thermal Current	6 A
[UI] Rated Insulation Voltage	300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 400 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to EN/IEC 60947-5-1
Maximum Resistance Across Terminals	30 mOhm conforming to EN/IEC 60947-5-4
Short-Circuit Protection	6 A cartridge fuse type gG (gl)

Disclaimer: 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

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
Net Weight	0.105 kg

Environment

Standards	CSA C22.2 No 14 EN 1088/ISO 14119 EN/IEC 60947-5-1 UL 508 EN/IEC 60947-5-4 EN/ISO 12100 EN/IEC 60204-1
Product Certifications	UL CSA BG
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 Height	3.8 cm
Package 1 Width	11.5 cm
Package 1 Length	11.8 cm
Package 1 Weight	160.0 g

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

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 Diisodecyl 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