

# Product data sheet

## Characteristics

# XCSTR751

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



### Main

Range of product	Telemecanique Safety switches XCS
Product or component type	Guard switch
Component name	XCSTR
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 <sup>2</sup> with or without cable end
Cable entry	2 entries 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	0.45 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 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)
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	52 mm
Height	117 mm

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.

Depth	60 mm
Net weight	0.155 kg

## Environment

Standards	EN/ISO 12100 EN/IEC 60947-5-1 EN/IEC 60204-1 CSA C22.2 No 14 EN 1088/ISO 14119 EN/IEC 60947-5-4 UL 508
Product certifications	UL CSA BG
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
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 Weight	186 g
Package 1 Height	6.8 cm
Package 1 width	12.4 cm
Package 1 Length	6.2 cm
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Weight	4.874 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	 <a href="#">REACh Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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