

# Product data sheet

Specifications



Safety limit switch, Telemecanique  
Safety switches XCS, metal, steel  
plunger, 2NC + 1 NO, 1 entry  
tapped Pg 13.5

XCSD3710G13

## Main

Range Of Product	Telemecanique Safety switches XCS
Product Or Component Type	Safety limit switch
Component Name	XCSD
Design	Compact
Material	Metal
Head Type	Plunger head
Protection Technology	Plastic protective cover, secured by 5-lobe socket head safety screw
Type Of Approach	On end approach
Type Of Operator	Metal end plunger
Contacts Type And Composition	1 NC + 1 NC + 1 NO
Contact Operation	Slow-break, break before make
Cable Entry	1 entry tapped for Pg 13.5

## Complementary

Electrical Connection	Terminal
Clamping Connection Capacity	1 x 0.34...2 x 0.75 mm <sup>2</sup>
Number Of Poles	3
Positive Opening	With NC contact
Mechanical Durability	15000000 cycles
Minimum Force For Tripping	15 N
Positive Opening Minimum Force	45 N
Minimum Actuation Speed	0.01 m/s
Maximum Actuation Speed	0.5 m/s
Contact Code Designation	B300, AC-15 (Ue = 240 V, Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[Ithe] Conventional Enclosed Thermal Current	6 A
[Ui] Rated Insulation Voltage	300 V conforming to UL 508 400 V (pollution degree 3) conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to EN/IEC 60947-1 4 kV conforming to IEC 60664
Maximum Resistance Across Terminals	25 MOhm conforming to IEC 60255-7 category 3
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

Repeat Accuracy	0.1 mm on tripping points, 1 million operating cycles for head with end plunger
Body Material	Zamak
Head Material	Zamak
Enclosure Material	Plastic
Depth	35 mm
Height	89 mm
Width	34 mm
Net Weight	0.215 kg

## Environment

Standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 CSA C22.2 No 14 UL 508
Product Certifications	CSA UL
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 = 50000000 value given for a life time of 20 years limited by mechanical or contact wear
Protective Treatment	TC
Ambient Air Temperature For Operation	-25...70 °C
Ambient Air Temperature For Storage	-40...70 °C
Vibration Resistance	25 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 I conforming to NF C 20-030
Ip Degree Of Protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529
Ik Degree Of Protection	IK06 conforming to EN 50102

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.5 cm
Package 1 Width	3.3 cm
Package 1 Length	4.3 cm
Package 1 Weight	220.0 g

## Contractual warranty

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

## 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-CO<sub>2</sub> 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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Circularity Profile	No need of specific recycling operations
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>