Telemecanique Sensors

Product data sheet

XCSM3702L10

Safety limit switch, Telemecanique Safety switches XCS, for applications XCSM

Main

Range of product	Telemecanique Safety switches XCS
Product or component type	Safety limit switch
Component name	XCSM
Design	Miniature
Material	Metal
Fixing mode	By the body
Cable composition	7 x 0.5 mm²
Electrical connection	Pre-cabled
Head type	Plunger head
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired conforming to ISO 13849-1, can reach PL = e with the appropriate monitoring system and correctly wired conforming to ISO 13849-1, can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to IEC 61508
Type of operator	Roller plunger
Contact operation	Slow-break, break before make
Safety reliability data	B10d = 50000000 value given for a life time of 20 years limited by mechanical or contact wear
Body material	Zamak
Type of approach	Lateral approach
Protection technology	Plastic protective cover, secured by 5-lobe socket head safety screw
Head material	Zamak
Switch actuation	By 30° cam
Positive opening	With NC contact
Contacts type and composition	1 NC + 1 NC + 1 NO
IP degree of protection	IP66 conforming to IEC 60529, IP67 conforming to IEC 60529, IP68 conforming to IEC 60529

Complementary

Product certifications	CSA UL
Standards	CSA C22.2 No 14 EN 1088 IEC 60204-1 IEC 60947-5-1 UL 508
Resistance across terminals	25 MOhm conforming to IEC 60255-7 category 3
Repeat accuracy	0.05 mm on the tripping points
Vibration resistance	25 gn (f= 10-500 Hz) conforming to IEC 60068-2-6
Contact code designation	B300, AC-15 (Ue = 240 V, Ie = 1.5 A) conforming to IEC 60947-5-1, B300, AC-15 (Ue = 240 V, Ie = 1.5 A) conforming to IEC 60947-5-1 appendix A, R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to IEC 60947-5-1, R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to IEC 60947-5-1 appendix A
Electrical shock protection class	Class I, class I conforming to IEC 61140
Shock resistance	25 gn for 18 ms conforming to IEC 60068-2-27

Environment

Protective treatment	TC
IK degree of protection	IK06 conforming to IEC 62262

Packing Units

Unit type of package 1	PCE
Number of units in package 1	1
Package 1 height	2 CENTIMETER
Package 1 width	18 CENTIMETER
Package 1 length	18 CENTIMETER
Package 1 weight	0.9 KILOGRAM
Unit type of package 2	S03
Number of units in package 2	12
Package 2 height	30 CENTIMETER
Package 2 width	40 CENTIMETER
Package 2 length	30 CENTIMETER
Package 2 weight	11.4 KILOGRAM
Unit type of package 3	P06
Number of units in package 3	96
Package 3 height	75 CENTIMETER
Package 3 width	60 CENTIMETER
Package 3 length	80 CENTIMETER
Package 3 weight	91.4 KILOGRAM

Indivisible sale quantity	1

Offer Sustainability

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 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

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 TMSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Updated: 07/20/2026