

Product data sheet

Specifications



Guard switch, Telemecanique Safety switches XCS, XCSTL, elbowed flush lever, to right, 3NC -1/2"NPT

XCSTL873

❗ Discontinued

❗ Discontinued on: Apr 30, 2021

Main

Range Of Product	Telemecanique Safety switches XCS
Product Or Component Type	Guard switch
Component Name	XCSTL
Material	Plastic
Head Type	Turret head rotary lever
Insulation	Double insulated
Type Of Operator	Elbowed flush lever
Operator Direction Information	To right
Electrical Connection	Terminal
Contacts Type And Composition	1 NC + 1 NC + 1 NC
Contact Operation	Slow-break
Clamping Connection Capacity	1 x 0.34...2 x 0.75 mm ² with or without cable end
Cable Entry	2 entries tapped for 1/2" NPT
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 conforming to EN/IEC 60947-5-1

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

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	125 mm
Height	108 mm
Depth	30 mm
Net Weight	0.145 kg

Environment

Standards	EN/IEC 60947-5-4 EN/IEC 60204-1 EN/ISO 12100 EN/IEC 60947-5-1 CSA C22.2 No 14 EN 1088/ISO 14119 UL 508
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	3.2 cm
Package 1 Width	20 cm
Package 1 Length	6.3 cm
Package 1 Weight	225 g

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

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