

# XCSTL581

safety switch XCSTL - elbowed flush lever -  
centred - 1NC+2NO -Pg11



## Main

Range of product	Preventa Safety detection
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	Centred
Electrical connection	Terminal
Contacts type and composition	1 NC + 1 NO + 1 NO
Contacts 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 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	R300, DC-13 (U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.1 A) conforming to EN/IEC 60947-5-1 Q300, DC-13 (U <sub>e</sub> = 125 V, I <sub>e</sub> = 0.2 A) conforming to EN/IEC 60947-5-1 B300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A) conforming to EN/IEC 60947-5-1 B300, AC-15 (U <sub>e</sub> = 120 V, I <sub>e</sub> = 6 A) conforming to EN/IEC 60947-5-1
[I <sub>the</sub> ] conventional enclosed thermal current	6 A
[U <sub>i</sub> ] rated insulation voltage	400 V (degree of pollution: 3) conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14 300 V conforming to UL 508
[U <sub>imp</sub> ] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-5-1
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 SIL 3 with the appropriate monitoring system and correctly wired conforming to IEC 61508 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1
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	181 mm

Depth	30 mm
Product weight	0.145 kg

## Environment

Standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/ISO 12100 UL 508 CSA C22.2 No 14
Product certifications	BG CSA UL
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
Class of protection against electric shock	Class II conforming to IEC 60536
IP degree of protection	IP67 conforming to IEC 60529

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1010 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instructions	Available <a href="#">Download End Of Life Manual</a>

## Contractual warranty

Period	18 months
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