Product data sheet
Characteristics

XCSTL882
safety switch XCSTL - elbowed flush lever - centred - 3NC -M16

Green Premium

Product Life Status : COMMERCIALIZED

TODAY
FEB 22, 2021

End of Commercialization
DEC 31, 2021



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 NC + 1 NC
Contact operation	Slow-break
Clamping connection capacity	1 x 0.34...2 x 0.75 mm² with or without cable end
Cable entry	2 entries tapped for M16 x 1.5
Number of poles	3

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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

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[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	181 mm
Depth	30 mm
Net weight	0.145 kg

Environment

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

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information