Product data sheet
Characteristics

XCSD3902N12
safety limit switch - metal - roller plunger - 2NC +1NO - 1 entry tapped 1/2" NPT

Product availability : Stock - Normally stocked in distribution facility

Price* : 82.00 USD



Main

Range of product	Preventa Safety detection
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 operator	Steel roller plunger
Contacts type and composition	1 NC + 1 NC + 1 NO
Contacts operation	Snap action
Cable entry	1 entry tapped 1/2" NPT

Complementary

Electrical connection	Terminal
Clamping connection capacity	1 x 0.34...2 x 0.75 mm²
Switch actuation	By 30° cam
Number of poles	3
Positive opening	With NC contact
Mechanical durability	10000000 cycles
Minimum force for tripping	12 N
Positive opening minimum force	36 N
Maximum actuation speed	1.64 ft/s (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

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

[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 400 V (degree of pollution: 3) conforming to EN/IEC 60947-1 300 V conforming to UL 508
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1 4 kV conforming to IEC 60664
Resistance across terminals	<= 25 MOhm conforming to IEC 60255-7 category 3
Short circuit protection	6 A cartridge fuse type gG (gl)
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	1.38 in (35 mm)
Height	3.94 in (100 mm)
Width	1.34 in (34 mm)
Product weight	0.56 lb(US) (0.255 kg)

Environment

Standards	EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14
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	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Vibration resistance	25 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn 11 ms conforming to IEC 60068-2-27
Class of protection against electric shock	Class I conforming to IEC 6140 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

Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	00785901786139
Nbr. of units in pkg.	1
Package weight(Lbs)	0.45000000000000001
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1037 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months