Product data sheet Characteristics

XCSM3702L1

safety limit switch XCSM - metal - roller plunger -2 NC + 1 NO - cable 1 m





Main

Mani		
Range of product	Preventa Safety detection	
Product or component type	Safety limit switch	
Component name	XCSM	
Design	Miniature	
Material	Metal	
Head type	Plunger head	:
Protection technology	Plastic protective cover, secured by 5-lobe socket head safety screw	
Type of approach	Lateral approach	
Type of operator	Roller plunger	
Contacts type and composition	1 NC + 1 NC + 1 NO	
Contact operation	Slow-break, break before make	

Complementary

Product or component type Component name Design Material Head type Protection technology Type of approach Type of operator Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	Preventa Safety detection Safety limit switch XCSM Miniature Metal Plunger head Plastic protective cover, secured by 5-lobe socket head safety screw Lateral approach Roller plunger 1 NC + 1 NC + 1 NO Slow-break, break before make	
Range of product Product or component type Component name Design Material Head type Protection technology Type of approach Type of operator Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	Safety limit switch XCSM Miniature Metal Plunger head Plastic protective cover, secured by 5-lobe socket head safety screw Lateral approach Roller plunger 1 NC + 1 NC + 1 NO Slow-break, break before make	
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Component name Design Material Head type Protection technology Type of approach Type of operator Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	XCSM Miniature Metal Plunger head Plastic protective cover, secured by 5-lobe socket head safety screw Lateral approach Roller plunger 1 NC + 1 NC + 1 NO Slow-break, break before make	
Design Material Head type Protection technology Type of approach Type of operator Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	Miniature Metal Plunger head Plastic protective cover, secured by 5-lobe socket head safety screw Lateral approach Roller plunger 1 NC + 1 NC + 1 NO Slow-break, break before make	
Material Head type Protection technology Type of approach Type of operator Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	Metal Plunger head Plastic protective cover, secured by 5-lobe socket head safety screw Lateral approach Roller plunger 1 NC + 1 NC + 1 NO Slow-break, break before make	
Head type Protection technology Type of approach Type of operator Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	Plunger head Plastic protective cover, secured by 5-lobe socket head safety screw Lateral approach Roller plunger 1 NC + 1 NC + 1 NO Slow-break, break before make	
Protection technology Type of approach Type of operator Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	Plastic protective cover, secured by 5-lobe socket head safety screw Lateral approach Roller plunger 1 NC + 1 NC + 1 NO Slow-break, break before make	
Type of approach Type of operator Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	Lateral approach Roller plunger 1 NC + 1 NC + 1 NO Slow-break, break before make	
Type of operator Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	Roller plunger 1 NC + 1 NC Slow-break, break before make	
Contacts type and composition Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	1 NC + 1 NC + 1 NO Slow-break, break before make	
Contact operation Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening	Slow-break, break before make	
Complementary Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening		
Electrical connection Cable length Cable composition Switch actuation Fixing mode Number of poles Positive opening		
Cable composition Switch actuation Fixing mode Number of poles Positive opening	Pre-cabled	
Switch actuation Fixing mode Number of poles Positive opening	1 m	
Fixing mode Number of poles Positive opening	7 x 0.5 mm²	
Number of poles Positive opening	By 30° cam	
Positive opening	By the body	
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Marakan Panka da an 1990	With NC contact	
Mechanical durability	10000000 cycles	
Minimum force for tripping	7 N	
Positive opening minimum force	35 N	
Minimum actuation speed	6 m/min	
Maximum actuation speed	0.5 m/s	
Contact code designation	B300, AC-15 (Ue = 240 V, Ie = 1.5 A) conforming to EN 60947-5-1	

	R300, DC-13 (Ue = 250 V, le = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 400 V (degree of pollution: 3) conforming to IEC 60947-5-1 300 V conforming to UL 508
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60664 4 kV conforming to IEC 60947-1
Resistance across terminals	<= 25 MOhm conforming to IEC 60255-7 category 3
Short-circuit protection	6 A cartridge fuse type gG (gl)
Repeat accuracy	0.05 mm on the tripping points
Body material	Zamak
Head material	Zamak
Depth	16 mm
Height	70 mm
Width	30 mm
Product weight	0.17 kg
Environment	
Standards	EN 1088 EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14
Product certifications	CSA

	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	-2570 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	25 gn (f = 10500 Hz) conforming to IEC 60068-2-6
Shock resistance	25 gn for 18 ms conforming to IEC 60068-2-27
Electrical shock protection class	Class I conforming to EN/IEC 61140 Class I conforming to NF C 20-030
IP degree of protection	IP68 conforming to IEC 60529 IP66 conforming to IEC 60529 IP67 conforming to IEC 60529
IK degree of protection	IK06 conforming to EN 50102

Offer Sustainability

Sustainable offer status	Green Premium product	
RoHS (date code: YYWW)	Compliant - since 1002 - 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 environmental profile	Available	
	Product Environmental Profile	
Product end of life instructions	Need no specific recycling operations	
	End of Life Information	

Contractual warranty

Warranty period 18 months
