



## Main

Range of product	Preventa Safety detection
Product or component type	Safety limit switch
Component name	XCSM
Material	Metal
Design	Miniature
Head type	Plunger head
Protection technology	Plastic protective cover, secured by 5-lobe socket head safety screw
Electrical connection	Pre-cabled
Cable length	2 m
Type of operator	Roller plunger
Switch actuation	By 30° cam
Type of approach	Lateral approach
Number of poles	3
Contacts type and composition	1 NC + 1 NC + 1 NO

## Complementary

Cable composition	7 x 0.5 mm <sup>2</sup>
Fixing mode	By the body
Positive opening	With NC contact
Mechanical durability	10000000 cycles
Minimum force for tripping	7 N
Positive opening minimum force	35 N
Minimum actuation speed	0,01 m/s
Maximum actuation speed	0,5 m/s
Contact code designation	B300 AC-15 240 V 1,5 A EN/IEC 60947-5-1 appendix A B300 AC-15 240 V 1,5 A EN 60947-5-1 R300 DC-13 250 V 0,1 A EN/IEC 60947-5-1 appendix A R300 DC-13 250 V 0,1 A EN 60947-5-1
[Ui] rated insulation voltage	300 V UL 508 300 V CSA C22-2 No 14 400 V 3 IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-1 4 kV IEC 60664
Resistance across terminals	≤ 25 mOhm IEC 60255-7 category 3
Short circuit protection	6 A cartridge fuse gG (gl)
Repeat accuracy	0.05 mm on the tripping points
Body material	Zamak
Head material	Zamak
Cable insulation material	PvR
Product weight	0,17 kg

## Environment

Standards	CSA C22-2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 EN 1088 UL 508
Product certifications	CSA UL
Protective treatment	TC
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	5 gn 10...500 Hz IEC 60068-2-6
Shock resistance	25 gn 18 ms IEC 60068-2-27
Class of protection against electric shock	Class I NF C 20-030 Class I IEC 6140
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP68 IEC 60529
IK degree of protection	IK06 EN 50102
RoHS EUR conformity date	3Q2009
RoHS EUR status	Will be compliant