

# Product data sheet

## Characteristics

### XCSM3915L1

Safety limit switch, Telemecanique Safety switches XCS, XCSM, metal, rotary lever, 2 NC + 1 NO, cable 1 m



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 110.00 USD



#### Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Safety limit switch
Component name	XCSM
Design	Miniature
Material	Metal
Head type	Rotary head
Protection technology	Plastic protective cover, secured by 5-lobe socket head safety screw
Type of approach	Lateral approach
Type of operator	Thermoplastic roller lever
Contacts type and composition	1 NC + 1 NC + 1 NO
Contact operation	Snap action

#### Complementary

Electrical Connection	Pre-cabled
Cable length	3.28 Ft (1 m)
Cable composition	7 x 0.5 mm <sup>2</sup>
Switch actuation	By 30° cam
Fixing Mode	By the body
Number of poles	3
Positive opening	With NC contact
Mechanical durability	10000000 Cycles
Minimum torque for tripping	4.43 Lbf.In (0.5 N.m)
Positive opening minimum torque	0.89 Lbf.In (0.1 N.m)
Minimum actuation speed	0.01 M/Min
Maximum actuation speed	4.92 Ft/S (1.5 m/s)
Contact code designation	B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN 60947-5-1 B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN 60947-5-1 R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN/IEC 60947-5-1 appendix A

[Ui] rated insulation voltage	300 VUL 508 400 V 3)IEC 60947-5-1 300 VCSA C22.2 No 14
[Uimp] rated impulse withstand voltage	4 KV IEC 60664 4 KV IEC 60947-1
Maximum resistance across terminals	25 MOhm conforming to 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
Maximum Depth	1.34 In (34 mm)
Maximum Height	3.70 In (94 mm)
Maximum Width	1.18 In (30 mm)
Net Weight	0.45 Lb(US) (0.205 kg)

## Environment

Standards	UL 508 EN 1088 EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60204-1
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 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	5 gn 10...500 Hz)IEC 60068-2-6
Shock resistance	25 gn 18 ms IEC 60068-2-27
Electrical shock protection class	Class I NF C 20-030 Class I conforming to EN/IEC 61140
IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP68 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	03389110243772
Nbr. of units in pkg.	1
Package weight(Lbs)	8.40 Oz (238 g)
Returnability	No
Country of origin	ID

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.38 In (3.5 cm)
Package 1 width	5.12 In (13 cm)
Package 1 Length	5.12 In (13 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isooctyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**