Product data sheet

Specifications



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

XCSM4115L2

Product availability : Stock - Normally stocked in distribution facility

Price* : 117.00 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 + 1 NO
Contact operation	Snap action

Complementary

Electrical Connection	Pre-cabled
Cable length	6.56 ft (2 m)
Cable composition	9 x 0.34 mm²
Switch actuation	By 30° cam
Fixing Mode	By the body
Number of poles	4
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

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 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 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
Depth	1.34 in (34 mm)
Height	3.70 in (94 mm)
Width	1.18 in (30 mm)
Net Weight	0.45 lb(US) (0.205 kg)

Environment

Standards	EN 1088 EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60204-1 UL 508
Product Certifications	CSA UL
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired 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 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 EN 50102

Ordering and shipping details

Category	22411-LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	3389110244281
Nbr. of units in pkg.	1
Package weight(Lbs)	10.76 oz (305.0 g)
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.18 in (3 cm)
Package 1 width	7.09 in (18 cm)
Package 1 Length	7.87 in (20 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	35
Package 2 Weight	25.11 lb(US) (11.388 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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

Contractual warranty

Warranty	18 months