

# Product data sheet

Specifications



Limit switch, Limit switches XC Standard, XCMD, steel roller lever, 1NC+1 NO, snap, 10 m

XCMD2116L10SBW

## Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCMD
Sensor design	Miniature
Body type	Fixed
Head type	Rotary head
Material	Metal
Body material	Zamak
Head material	Zamak
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller lever metal
Type of approach	Lateral approach, 2 directions
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Snap action

## Complementary

Tracks	24/31 mm
Switch actuation	By 30° cam
Electrical connection	Removable cable connector
Cable length	32.81 ft (10 m)
Cable composition	5 x 0.75 mm <sup>2</sup>
Wire insulation material	PvR
Contacts insulation form	Zb
Positive opening	With
Positive opening minimum force	0.5 N
Minimum force for tripping	0.1 N

<b>Maximum actuation speed</b>	4.92 ft/s (1.5 m/s)
<b>Contact code designation</b>	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/IEC 60947-5-1 appendix A
<b>[Ui] rated insulation voltage</b>	400 V 3)IEC 60947-5-1 300 V 3)
<b>Maximum resistance across terminals</b>	25 mOhm IEC 60255-7 category 3
<b>[Uimp] rated impulse withstand voltage</b>	4 kV IEC 60664 4 kV IEC 60947-1
<b>Short-circuit protection</b>	6 A cartridge fuse gG
<b>Electrical durability</b>	5000000 cycles, DC-13, 120 V, 1 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 24 V, 3 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 48 V, 2 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
<b>Mechanical durability</b>	10000000 cycles
<b>Width</b>	1.18 in (30 mm)
<b>Height</b>	1.97 in (50 mm)
<b>Depth</b>	0.63 in (16 mm)
<b>Net weight</b>	0.50 lb(US) (0.225 kg)

## Environment

<b>Shock resistance</b>	25 gn 18 ms IEC 60068-2-27
<b>Vibration resistance</b>	5 gn 10...500 Hz)IEC 60068-2-6
<b>IP degree of protection</b>	IP66 IEC 60529 IP67 IEC 60529 IP68 IEC 60529
<b>IK degree of protection</b>	IK06 EN 62262
<b>Overvoltage category</b>	Class I IEC 61140 Class I NF C 20-030
<b>Ambient air temperature for operation</b>	-13...158 °F (-25...70 °C)
<b>Ambient air temperature for storage</b>	-40...158 °F (-40...70 °C)
<b>Protective treatment</b>	TC
<b>Product certifications</b>	CSA UL CCC
<b>Standards</b>	EN/IEC 60204-1 EN/IEC 60947-5-1

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	0.63 in (1.6 cm)
<b>Package 1 Width</b>	11.81 in (30.0 cm)
<b>Package 1 Length</b>	9.84 in (25.0 cm)
<b>Package 1 Weight</b>	27.34 oz (775.0 g)
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	11.81 in (30.0 cm)
<b>Package 2 Width</b>	11.81 in (30.0 cm)
<b>Package 2 Length</b>	15.75 in (40.0 cm)

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Package 2 Weight 18.06 lb(US) (8.191 kg)

**Offer Sustainability**

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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	<a href="#">Yes</a>

**Recommended replacement(s)**