Product data sheet
Characteristics

XCMD2102L2
limit switch XCMD - steel roller plunger - 1NC +1NO - snap - 2 m

Product availability : Stock - Normally stocked in distribution facility

Price** : 54.20 USD



Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Limit switch
Device short name	XCMD
Sensor design	Miniature
Body type	Fixed
Head type	Plunger head
Material	Metal
Body material	Zamak
Head material	Zamak
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller plunger 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

Switch actuation	By 30° cam
Electrical connection	Removable cable connector
Cable length	6.56 ft (2 m)
Cable composition	5 x 0.75 mm²
Wire insulation material	PvR
Contacts insulation form	Zb
Positive opening	With

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

Positive opening minimum force	35 N
Minimum force for tripping	7 N
Maximum actuation speed	1.64 ft/s (0.5 m/s)
[Ui] rated insulation voltage	300 V 3)UL 508 400 V 3)IEC 60947-5-1 300 V 3)CSA C22.2 No 14
Maximum resistance across terminals	25 mOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	4 kV IEC 60664 4 kV IEC 60947-1
Short-circuit protection	6 A cartridge fuse gG
Electrical durability	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
Mechanical durability	10000000 cycles
Width	1.18 in (30 mm)
Height	1.97 in (50 mm)
Depth	0.63 in (16 mm)
Net weight	0.41 lb(US) (0.185 kg)

Environment

Shock resistance	25 gn 18 ms IEC 60068-2-27
Vibration resistance	5 gn 10…500 Hz)IEC 60068-2-6
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP68 IEC 60529
IK degree of protection	IK06 EN 50102
Overvoltage category	Class I IEC 61140 Class I NF C 20-030
Ambient air temperature for operation	-13…158 °F (-25…70 °C)
Ambient air temperature for storage	-40…158 °F (-40…70 °C)
Protective treatment	TC
Product certifications	CCC UL CSA
Standards	EN/IEC 60947-5-1 EN/IEC 60204-1 UL 508 CSA C22.2 No 14

Ordering and shipping details

Category	22413 - LIMIT SWITCH, IEC, MINIATURE
Discount Schedule	T
GTIN	00785901468189
Package weight(Lbs)	0.24 kg (0.54 lb(US))
Returnability	Yes
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and 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

XCMD2102L2 is replaced by the following group of products:



Miniature range ZCE02

Osiswitch, limit switch head, ZCE, steel roller plunger

Qty 1



Miniature range ZCMC21L2

pre-cabled connection ZCMC - 2 Poles - PvR - 2 m

Qty 1



Miniature range ZCMD21

limit switch body ZCMD - 1NC+1NO - silver - snap action

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2017