

JOYSTICKS

Joystick heads & contacts

LM2A JOYSTICK 2 POSITION SP-RTN

- Mounts in Ø22.5 mm hole
- 2 or 4 way plus centre off
- Stable or spring return
- Centre position latched or unlatched



PRODUCT DESCRIPTION

Joystick heads are available in 2 or 4 way, stable or spring return and with latched (button to release) or non latched centre off. All heads come with a 3 position contact holder clip but the M11 contact blocks must be ordered separately.

The joystick heads require a special contact block (M11) that has 2 x N/O electrical contacts. The contacts will always be open when the head is in the centre off position and will close respectively in each of 2 positions.

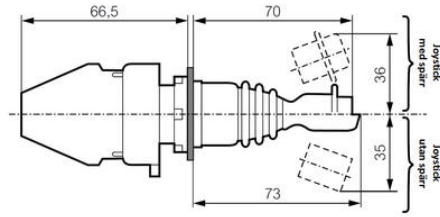
A 2 way joystick can have 1 or 2 x M11 contact blocks to achieve 1 or 2 separate closed contacts in each of the 2 positions respectively excluding the centre off position.

A 4 way joystick requires 2 x M11 contact blocks to achieve a separate closed contact in each of the 4 positions excluding the centre off position.

SPECIFICATIONS

Climate resistance cyclic damp heat	IEC 60068-2-3
Climate resistance to sea air	IEC 60068-2-52
Climate-resistant heat	IEC 60068-2-30
Function	Spring return
IP Class	IP65
Number of positions	3
Protection Class	II
Temperature range bearing, from	-40 °C
Temperature range bearing, to	70 °C
Temperature range from	-25 °C

Återfjädrande funktion 3-läges



Kontaktfunktion 3-läges joystick

		A	O	B
LM11	13	X		
	11			X
LM11	23			X
	21	X		

MECHANICAL OPERATION - JOYSTICKS

For Joysticks

2 position

U/M in Clip location	Terminal Number	Position	A	O	B
1	14	A	O	O	
	12	O	O	X	
3	14	O	X		
	12	X	O	O	

4 position

U/M in Clip location	Terminal Number	Position	A	B	O	C	D
1	14	O	O	O	O	X	
	12	O	O	O	X	O	
3	14	O	X	O	O	O	
	12	X	O	O	O	O	

Four wack cup (AW)

U/M in Clip location	Terminal Number	Position	A	O	B
1	14	X	O	O	
	12	O	O	X	
3	14	O	O	X	
	12	X	O	O	
4	14	O	O	X	
	12	X	O	O	

Four wack cup (AW)

U/M in Clip location	Terminal Number	Position	A	B	O	C	D
1	14	O	O	O	O	X	
	12	O	O	O	X	O	
3	14	O	X	O	O	O	
	12	X	O	O	O	O	
4	14	O	X	O	O	O	
	12	X	O	O	O	O	

MECHANICAL OPERATION - JOYSTICKS

For Joysticks

2 position

U/M in Clip location	Terminal Number	Position	A	O	B
1	14	A	O	O	
	12	O	O	X	
3	14	O	X		
	12	X	O	O	

4 position

U/M in Clip location	Terminal Number	Position	A	B	O	C	D
1	14	O	O	O	O	X	
	12	O	O	O	X	O	
3	14	O	X	O	O	O	
	12	X	O	O	O	O	

Four wack cup (AW)

U/M in Clip location	Terminal Number	Position	A	O	B
1	14	X	O	O	
	12	O	O	X	
3	14	O	O	X	
	12	X	O	O	
4	14	O	O	X	
	12	X	O	O	

Four wack cup (AW)

U/M in Clip location	Terminal Number	Position	A	B	O	C	D
1	14	O	O	O	O	X	
	12	O	O	O	X	O	
3	14	O	X	O	O	O	
	12	X	O	O	O	O	
4	14	O	X	O	O	O	
	12	X	O	O	O	O	