

YBLXW-6 Microswitch

1.General

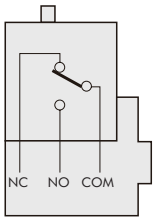
YBLXW-6 series micro switches are suitable for control circuit or auxiliary circuit with 50Hz(or 60Hz), voltage 380V and DC 220V, with applications including travel control, limit protection and interlocking of various mechanical equipment such as machinery, textile, light industry and electronic instrument.
Compliance standards: GB/T14048.5, IEC60947-5-1.

2. Type designation

YBLXW -6 /1 1 □

- Mode of operation (Shown as in Table 1)
- 1NC
- 1NO
- Design code
- Microswitch

Contact type



2. Type designation

	IP52
Nominal voltage	AC-15380V; DC-13220V
Nominal current	AC-150.79A; DC-130.14A
Operation frequency	20t/min
Operating speed	0.1mm/s ~0.5mm/s
Environment temprature	-5℃~+40℃
Related humidity	When the maximum temperature is +40℃, the relative humidity of the air shall not exceed 50%. High relative humidity is allowed at lower temperatures, for example 90% at 20w℃, and special measures should be taken for occasional condensation due to temperature changes.
Altitude	≤2000m
Installation category	Ⅱ
Pollution degree	class3
Insulation voltage Ui	415V
Rated impulse withstand voltage Uimp	2.5KV
Installation conditions	Install in place without significant shaking and shock vibration

Table 1

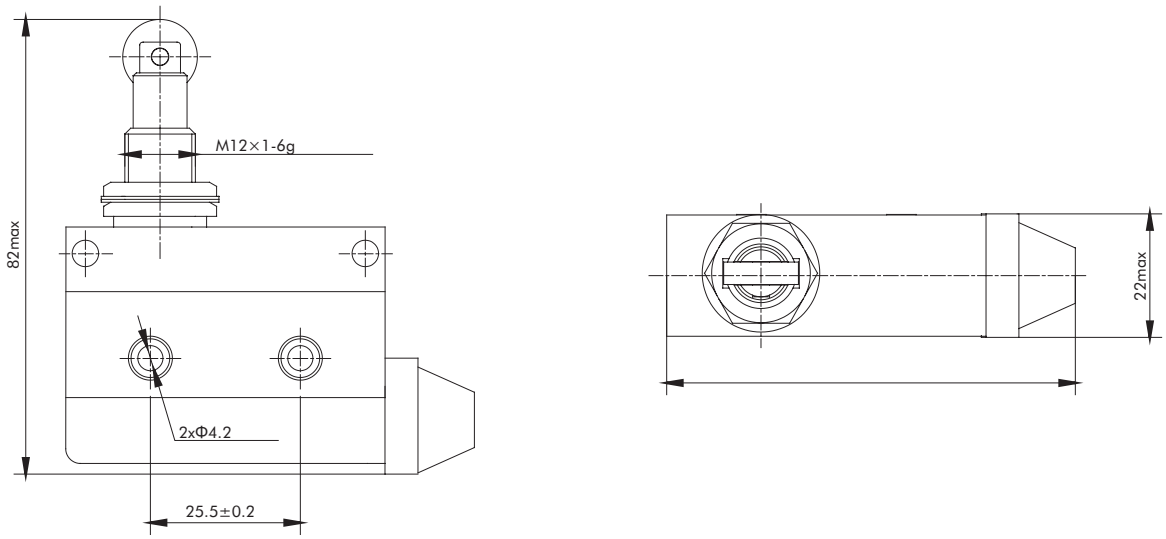
Type(recommend to adopt)	Operating mode	Type of replacement(discontinue)				
YBLXW-6/11BZ	Panel mounting plunger type	-AZ/7310	-TZ/7310	-MN/5310	-ZL/15G03	-D4MC/5000
YBLXW-6/11CA	Long press-button type					
YBLXW-6/11DA	Short press-button I type	-AZ/7110	-TZ/7110	-MN/5110	-ZL/15G01	
YBLXW-6/11DA2	Short press-button II type	-AZ/7100	-TZ/7100	-MN/5100		
YBLXW-6/11CG	Long triangle type	-AZ/7120	-TZ/7120	-MN/5120	-ZL/15G060	-D4MC/1000
YBLXW-6/11DG	Short triangle type	-AZ/7140	-TZ/7140	-MN/5140	-ZL/15G06	-D4MC/1020
YBLXW-6/11CL	Long spar roller type	-AZ/7121	-TZ/7121	-MN/5121	-ZL/15G07	-D4MC/2000
YBLXW-6/11DL	Short spar roller type	-AZ/7141	-TZ/7141	-MN/5141	-ZL/15G09	-D4MC/2020
YBLXW-6/11CDL	Long spar one-way roller type	-AZ/7124	-TZ/7124	-MN/5124		
YBLXW-6/11DDL	Short spar one-way roller type	-AZ/7144	-TZ/7144	-MN/5144	-ZL/15G070	-D4MC/3030
YBLXW-6/11HL	Lateral roller type	-AZ/7312	-TZ/7312	-MN/5312	-ZL/15G031	-D4MC/5040
YBLXW-6/11ZL	Straight roller type	-AZ/7311	-TZ/7311	-MN/5311	-ZL/15G030	-D4MC/5020
YBLXW-6/11W1	Universal Ⅰ type	-AZ/7161	-TZ/7161	-MN/5161		
YBLXW-6/11W2	Universal Ⅱ type	-AZ/7166	-TZ/7166	-MN/5166		
YBLXW-6/11W3	Universal Ⅰ Ⅲ type	-AZ/7169	-TZ/7169	-MN/5169		

Table 2

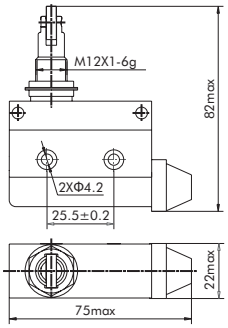
Performance characteristic / Model	Movement (OF)max	Movement route (PT) max	Overtravel (OT)min
YBLXW-6/11BZ	≤8N	≤3.5mm	4.7mm
YBLXW-6/11CA	≤8N	≤3.5mm	4.7mm
YBLXW-6/11DA	≤8N	≤3.5mm	4.7mm
YBLXW-6/11DA2	8.5N	2.7mm	3.5mm
YBLXW-6/11CG	≤5N	≤12mm	16mm
YBLXW-6/11DG	≤6N	≤10mm	12mm
YBLXW-6/11CL	≤5N	≤12mm	16mm
YBLXW-6/11DL	≤6N	≤10mm	12mm
YBLXW-6/11CDL	≤6N	≤12mm	16mm
YBLXW-6/11DDL	≤5N	≤10mm	12mm
YBLXW-6/11HL	≤8N	≤3.5mm	4.7mm
YBLXW-6/11ZL	≤8N	≤3.5mm	4.7mm
YBLXW-6/11W1	≤2N	≤30°	-
YBLXW-6/11W2	≤2N	≤30°	-
YBLXW-6/11W3	≤2N	≤30°	-

4. Overall and mounting dimensions

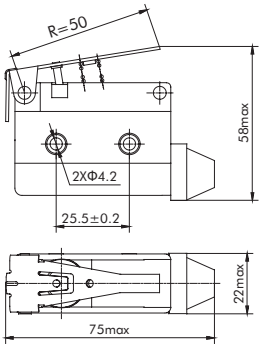
YBLXW-6/11ZL



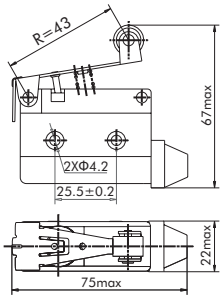
YBLXW-6/11HL



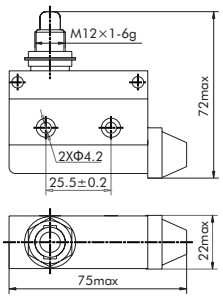
YBLXW-6/11DG



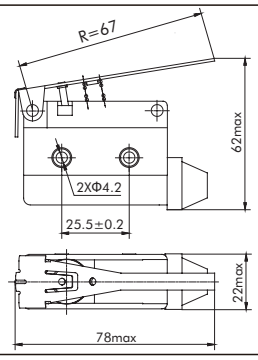
YBLXW-6/11DL



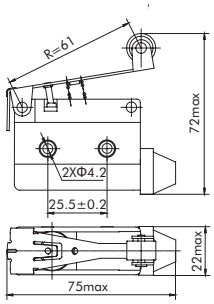
YBLXW-6/11BZ



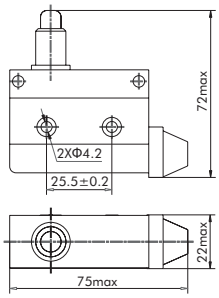
YBLXW-6/11CG



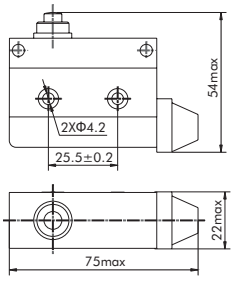
YBLXW-6/11CL



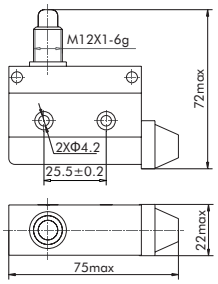
YBLXW-6/11DA



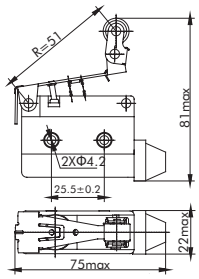
YBLXW-6/11DA2



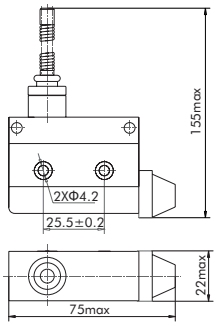
YBLXW-6/11CA



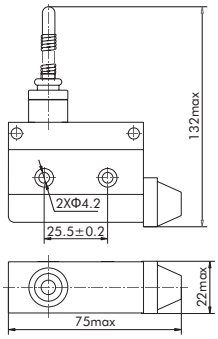
YBLXW-6/11DDL



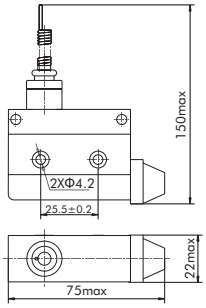
YBLXW-6/11W1



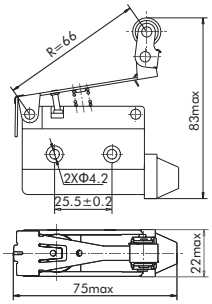
YBLXW-6/11W2



YBLXW-6/11W3



YBLXW-6/11CDL



5. Order information

5.1 When ordering, the user shall specify the switch type, name and quantity.
For example: YBLXW-6/11DA. 100 Microswitch;

5.2 User note:

5.2.1 Please do not use it in hot water and water vapor condition.

5.2.2 Please do not use it directly in oil and water

5.2.3 Please install the equipment in the place that vibration does not occur, also no resonance occurs.

5.2.4 It is not recommended to use the product over travel, in order to avoid initial damage (such as the damage of product push rod) or reduce the service life of the product.

5.2.5 It is not recommended to keep the product in pressing state for a long time, which may cause problems such as initial failure and poor reset. Please maintain and replace the product regularly.

5.2.6 The operation speed of the product shall not be extremely fast or slow.

5.2.6.1 When the operation speed is very slow, the contact switching will be unstable, which may lead to poor contact or fusion welding and other problems.
5.2.6.2 When
the operation speed is very fast, the impact force of the action may destroy the switch; if the frequency is too high, the contact may not be able to switch.

5.2.7 The product is not recommended to be used at light load (voltage, current) conditions, for small load may reduce contact reliability.