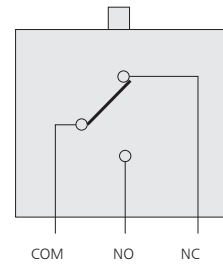


## YBLXW-5/11 Micro-gap Switch

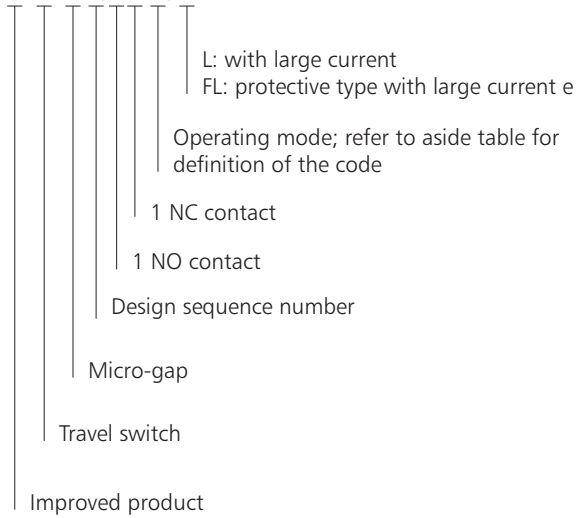
### 1. General

Contacting types



### 2. Type Designation

YB LX W-5/1 1 □ /□



<b>Protection degree</b>	<b>IP52</b>	
Mechanical life(operations)	100×10 <sup>4</sup>	
Electric life(operations)	30×10 <sup>4</sup>	
Operating frequency (operations/minute)	Mechanical: 240 Electric: 20	
Load	Normal type	AC 380V 0.79A DC 220V 0.14A
	Large current type	AC 660V 1.5A DC 220V 0.45A
Operating speed	0.1mm/s~0.5mm/s	
Insulation resistance	≥1MΩ	
Contacting resistance	100mΩ	
Environmental temperature	-5℃~+40℃	
Relative humidity	≤90%(20℃)	
Altitude	≤2000m	
Voltage withstands	Between terminals of the same polarity (1140V)	
	Between electrified metal components and the earth (1890V)	
	Between terminals and un-electrified components (2500V)	
Application range	Travel control, limitation protection, and interlocking of various equipments of mechanic, textile, and electric apparatus.	
Standards	IEC60947-5-1	

## Micro-gap Switches

Model	Operating mode
YBLXW-5/11Z	Plunger type with handspike
YBLXW-5/11N1	Compression handspike type
YBLXW-5/GL2	Roller compression columnar type
YBLXW-5/11GS	Thin handspike columnar type
YBLXW-5/11D1	Short spring plunger type
YBLXW-5/11M	Panel mounted plunger type
YBLXW-5/11Q1	Panel mounted plunger type with roller
YBLXW-5/11Q2	Panel mounted plunger type with horizontal roller
YBLXW-5/11N1	Gemel lever type
YBLXW-5/11G1	Gemel long lever type with roller
YBLXW-5/11G2277	Gemel long lever with one-way roller
YBLXW-5/11G2	Gemel lever type with roller

Voltage		Current					
		Heater loading		Incandescence lamp loading		Screw coil loading of motor and relay	
		Breaking	Making	Breaking	Making	Breaking	Making
AC	127V	15A	15A	1.5A	3.0A	15A	15A
	220V	15A	15A	1.25A	2.5A	15A	15A
	380V	3A	3A	0.75A	1.0A	2.5A	2.5A
	660V	2A	2A	0.50A	0.8A	1.5A	1.5A
DC	24V	10A	10A	1.5A	3.0A	10A	10A
	110V	0.6A	0.6A	0.6A	0.6A	0.1A	0.1A
	220V	0.3A	0.3A	0.3A	0.3A	0.05A	0.05A

Model	YBLXW-5/11Z YBLXW-5/11Z/F YBLXW-5/11Z/L YBLXW-5/11Z/FL Z-15G	YBLXW-5/11D1 YBLXW-5/11D1/F YBLXW-5/11D1/L YBLXW-5/11D1/FL Z-15GD	YBLXW-5/11M YBLXW-5/11M/F YBLXW-5/11M/L YBLXW-5/11M/FL Z-15GQ	YBLXW-5/11Q1 YBLXW-5/11Q1F YBLXW-5/11Q1/L YBLXW-5/11Q1/FL Z-15GQ22	YBLXW-5/11Q2 YBLXW-5/11Q2/F YBLXW-5/11Q2/L YBLXW-5/11Q2/FL Z-15GQ21
OF (max)	10N	<b>10N</b>	10N	10N	10N
RF (Max)	1N	<b>1N</b>	1N	1N	1N
Repeat precision error	±0.03mm	±0.05mm	±0.05mm	±0.05mm	±0.03mm
PT (Operating travel)	≤2.5mm	≤3.5mm	≤3.5mm	≤3.5mm	≤3.5mm
OT	≥0.2mm	≥0.5mm	≥0.5mm	≥0.5mm	≥0.5mm

Model	YBLXW-5/11N YBLXW-5/11N1/F YBLXW-5/11N1/L YBLXW-5/11N1/FL Z-15GW	YBLXW-5/11N2 YBLXW-5/11N2/F YBLXW-5/11N2/L YBLXW-5/11N2/FL Z-15GL	YBLXW-5/11G1 YBLXW-5/11G1/F YBLXW-5/11M/L YBLXW-5/11G1/FL Z-15GW22	YBLXW-5/11G2 YBLXW-5/11G2F YBLXW-5/11G2/L YBLXW-5/11G2/FL Z-15GW2	YBLXW-5/11G3 YBLXW-5/11G3/F YBLXW-5/11G3/L YBLXW-5/11G3/FL
OF (max)	6N	7N	6N	7N	6N
RF (Max)	0.15N	0.25N	0.15N	0.25N	0.2N
Repeat precision error	±0.05mm	±0.05mm	±0.05mm	±0.05mm	±0.03mm
PT (Operating travel)	≤13mm	≤10mm	≤11mm	≤7mm	≤8.5mm
OT	≥3mm	≥2mm	≥3mm	≥2mm	≥2.5mm