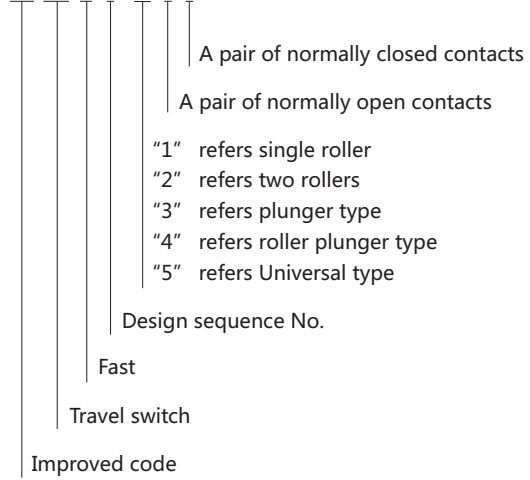


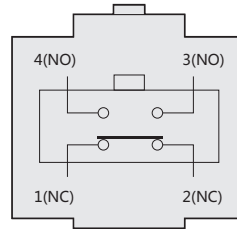


## 2. Type designation

YB LX-K 1/□ 1 1



Contact type



# YBLX-K1 Travel Switch

## 1. General

YBLX-K1 series of travel switch is applicable to electric circuit with voltage not more than AC-15 Ue 380V,50Hz/60Hz or DC -13 Ue 220V and current not more than AC-15 Ie 0.8A or DC-13 Ie 0.15A for travel control, direction of motion or speed change of movement mechanism, automatic control, motion direction or speed change of machine tool, automatic control, action limit & travel or procedure control of movement mechanism.

Standard: GB/T 14048.5,IEC60947-5-1,CCC China Compulsory Product Certification.

## 3. Technical data

Table 1

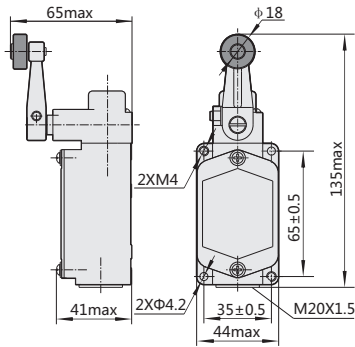
<b>Ingress protection</b>	<b>IP52</b>
Conventional thermal current	5A
Rated voltage	AC-15 380V ; DC-13 220V
Rated control current	AC-15 0.8A ; DC-13 0.15A
Operation frequency	20 t/min
Ambient temperature	-5°C~+40°C
Relative humidity	≤90%(20°C)
Altitude	≤2000m
Scope of application	Automatic control of machine tool and action or program control of limited movement mechanism
Standard	GB/T 14048.5 IEC 6090947-5-1
Installation category	II
Pollution degree	class3
Insulation voltage Ui	415V
Rated impulse withstand voltage Uimp	2.5KV

Table 2

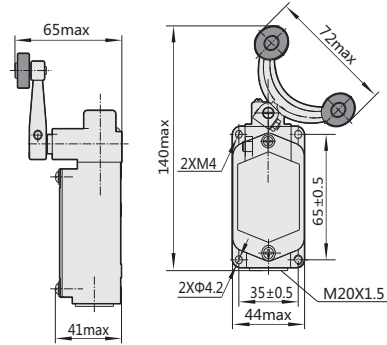
Operating characteristic \ Type	YBLX-K1/111	YBLX-K1/211	YBLX-K1/311	YBLX-K1/411	YBLX-K1/511
Maximum operating force (max OF)	15N	20N	20N	20N	15N
Maximum operating range ( max PT)	45°	70°	5mm	5mm	45°
Minimum overtravel (min OT)	15°		1mm	1mm	

#### 4. Overall and mounting dimensions

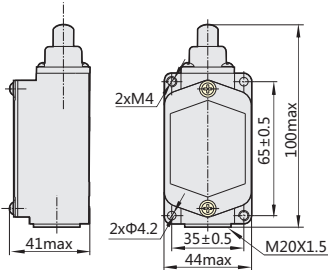
YBLX-K1/111



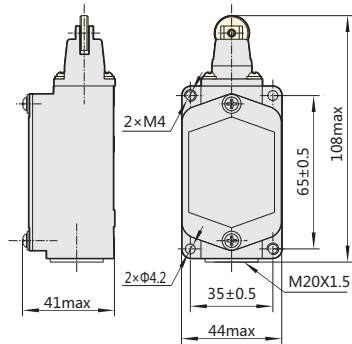
YBLX-K1/211



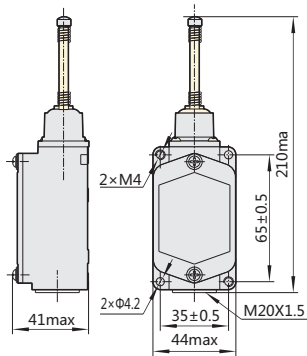
YBLX-K1/311



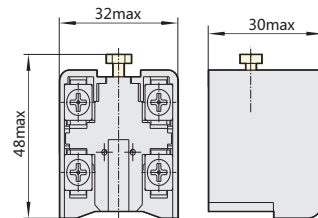
YBLX-K1/411



YBLX-K1/511



YBLX-K1/K



#### 5. Ordering information

When ordering, the user shall indicate the product name, type and quantity.

For example: YBLX-K1/111 Travel switch 100 pieces.

User note: YBLX-K1/111 restricted by operating mechanism. It can not apply to the arm action is greater than 90 degree condition.

Beware of the action angle is too large lead to turn arm rotation and other undesirable phenomena.