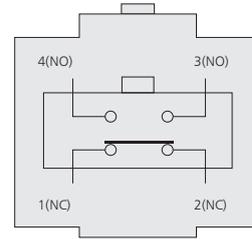




YBLX-K1 Travel Switch

1. General

Contacting types



2. Type Designation

YB LX-K 1/□ 1 □

- Derivative code: M: enclosed type
- 1 NC contact
- 1 NO contact
- 1: single roller
- 2: double rollers
- 3: plunger type
- 4: plunger type with roller
- 5: free-directions type
- 6: Rear mounting of single roller
- 7: Rear mounting of double roller
- Design sequence number
- Fast operation
- Travel switch
- Improved product

Model	Mode	Substitution model (production stopped)	
YBLX-K1/111	Automatic reset of single roller		
YBLX-K1/211	Non-automatic reset of double rollers		
YBLX-K1/311	Automatic reset of plunger	YBLX-25/311S	YBLX-25/311
YBLX-K1/411	Automatic reset of plunger roller	YBLX-25/411S	YBLX-25/411
YBLX-K1/511	Automatic reset of free-directions type	YBLX-25/511S	YBLX-25/511
YBLX-K1/611	Self-reset of rear mounted single roller	YBLX-25/611S	YBLX-25/611
YBLX-K1/711	Non-self-reset of rear mounted single roller	YBLX-25/711S	YBLX-25/711

Protection degree	IP52
Conventional heating current	5A
Rated voltage	AC 380V DC220V
Rated current ⁴	AC 5A DC0.15A
Operating frequency (operations/minute)	20
Lasting ratio of electrification	40%
Mechanical life (operations)	60x10 ⁴
Electric life (operations)	30x10 ⁴
Environmental temperature	-5°C ~ +40°C

Travel Switches

Protection degree	IP52
Relative humidity	≤85%(20℃)
Altitude level	≤2000m
Voltage withstands	Between terminals of same polarity (1140V) Between electrified components and earth (1890V) Between terminals and un-electrified metal components (2500V)
Application range	Automatic control of machine tool, restriction of operating structure operation or control of procedure
Standards	IEC60947-5-1

Operating performances	Model	YBLX-K1-111	YBLX-K1-211	YBLX-K1-311	YBLX-K1-411
	OF(max)		10N	25N	20N
PT(max)		≤45°	≤70°	≤5mm	≤5mm
OT(min)		≥15°	-	≥1mm	≥1mm

YBLX-K1/111



YBLX-K1/211



YBLX-K1/411



YBLX-K1/K



YBLX-K1/611



YBLX-K1/511



YBLX-K1/711



YBLX-K1/311

