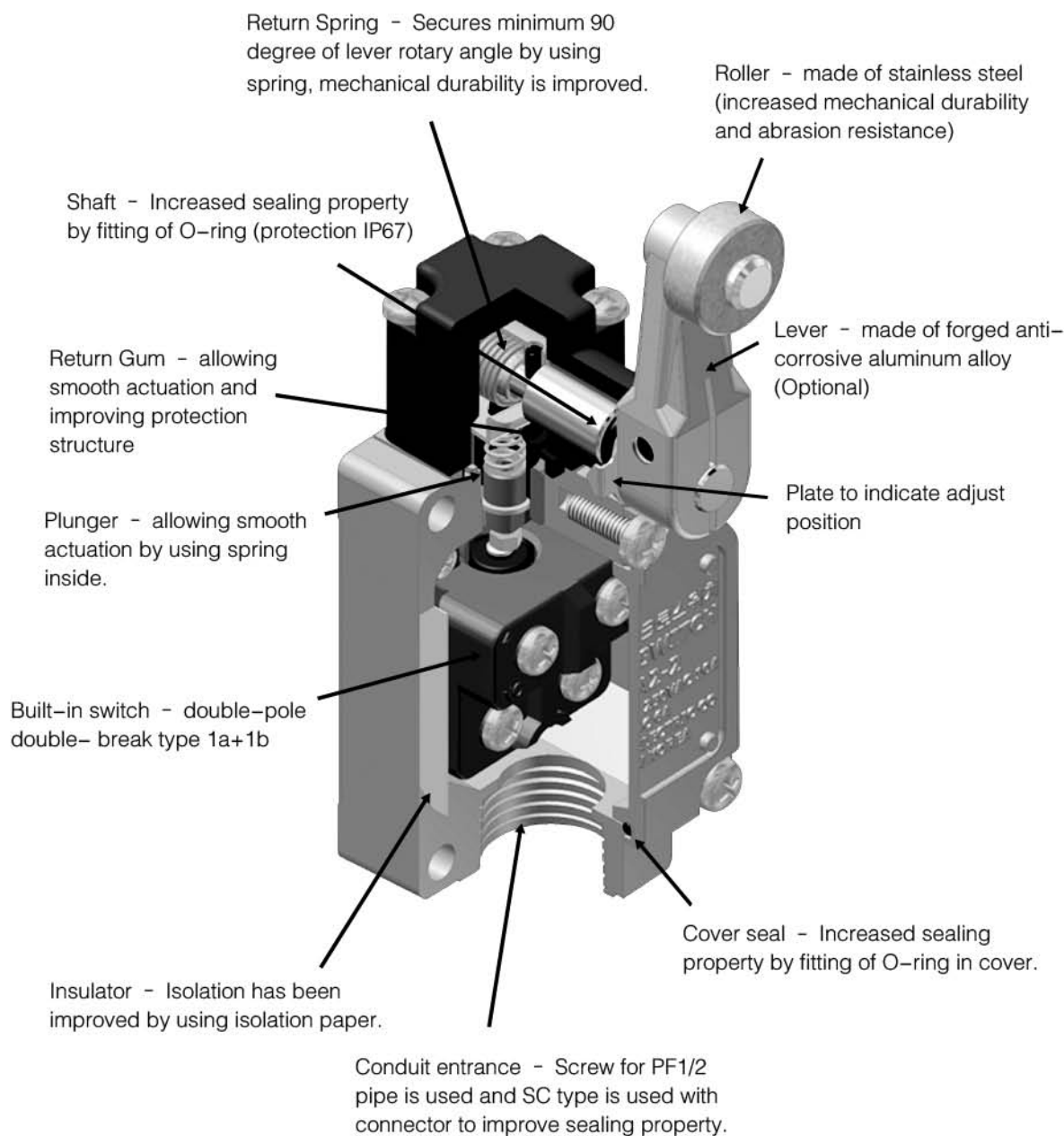




CHARACTERISTICS

Items	Actuator		Roller lever	Adjustable roller lever	Adjustable rod lever	Fork lever lock	Plunger	Flexible Rod
	Model number		KLCA2	KLCA12	KLCL	KLCA32-41	KLD	KLNJ
			KLCA2-2	KLCA12-2	KLCL-2	KLCA32-42	KLD2	KLNJ-A2
			KLCA2-S50			KLCA32-43	KLD28	
			KLCA2-SA50			KLCA32-44	KLD3	
External specification	Standard specification		IEC					
	Certified specification		CE, certified for electric product safety					
Structure	Contact point type		Dual terminal 2 circuit switch					
	Load	Standard load	Silver alloy					
		Microload	Silver (gold plating)					
Electrical properties	Protection structure		IP67(IEC60529), KLD2(IP47)					
	Withstand voltage		Between live parts: AC1,000V 60/60Hz for 1minute Between dead parts: AC2,000V 50/60Hz for 1 minute					
	Isolation resistance		Isolation resistance 100MΩ or more(DC500V isolation resistance gauge)					
	Contact resistance (initial value)	Standard load	25mΩ or below					
Allowed operating velocity			1 mm/s ~ 1 m/s					
Mechanical performance	Impact resistance		Roller lever : 200 m/s ² of total travel position					
			Non-directive actuation: 300 m/s ² of total travel position					
			Others: 300 m/s ² free position and total travel position (Contact point in free position and total travel position or total travel position)					
Durability	Vibration-resistance		Double vibration width: 1.5 mm, frequency 10~55Hz, for 2 consecutive hours (Others: free position and total travel position)					
	Mechanical		10 million operations <plunger type ÷ 5million operations, fork lever lock type ÷ 2million operations>					
	Electrical		750,000 operations (when resistance is loaded 250VAC 10A)					
Operating frequency	Electrical (microload)		1 million operations					
	Mechanical		120operations/min					
Environment conditions	Electrical		30operations/min					
	Ambient temperature		-10°C ~ +80°C					

STRUCTURE



CONTROL COMPONENTS

SQUARE LIGHT

TOWER LIGHT

MICRO SWITCH

FOOT SWITCH

LIMIT SWITCH

POWER SWITCH

HOIST SWITCH

CAM SWITCH

BUZZER

PHOTO SENSOR

PROXIMITY SENSOR

FLOATLESS LEVEL SWITCH

TIMER & COUNTER

RELAY

SOCKETS

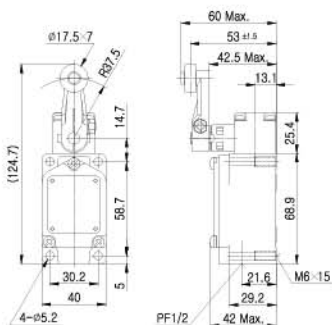
TERMINAL BLOCK

CONTROL BOX

PID TEMP. CONTROLLER

**KLCA2 Roller lever type**

KLCA2
KLCA2-2



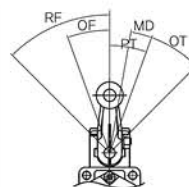
KLCA2
KLCA2-2



KLCA2-LD
KLCA2-2LD

ACTUATION PROPERTY

Model	OF Max.	RF Max.	PT	OT Min.	MD Max.	Material
KLCA2	910g	100g	20°	30°	12°	Body: Aluminium alloy die-casting Head: Aluminium alloy die-casting Roller: Stainless steal Protection degree: IP67
KLCA2-2	910g	100g	30°	70°	10°	
KLCA2-LE	Optional parts					
KLCA2-2LE						
KLCA2-LD						
KLCA2-2LD						

**NOTE**

- Excessive force or impact to limit switch roller lever to activate switch may cause unstable actuation of actuator, shortening electrical and mechanical durability.
- Right and wrong examples of installation.

WRONG RIGHT WRONG RIGHT WRONG RIGHT WRONG RIGHT

