

LAX type Electric Actuator Specifications

FEATURE

- Linear series electric high-power control actuator.
- Electric actuator of control type is light weight and compact.

SPECIFICATION

Actuator type (□:Voltage code)	LAX-030-□	LAX-070-□
Voltage	100 / 110 V AC ±10 % 50/60 Hz (Code: 1) 200 / 220 V AC ±10 % 50/60 Hz (Code: 2)	
Thrust [N]	300	700
Operation time [mm/s]	0.39 / 0.47 (50/60 Hz)	
Stroke [mm]	7.5	7 to 11.5
Adjustment range	Fixed	Adjust by OPEN / SHUT trimmers
Power consumption [VA]	4.5	11
Motor	Synchronous motor (Triac control)	
Overload protection	Timer	
Method of operation	Proportional control (linear motion)	
Input signal	4 to 20 mA (Input resistance: 220 Ω)	4 to 20 mA (Input resistance: 250 Ω)
Operation	[Mode A] SHUT by decreased signal ↔ OPEN by increased signal (Standard) [Mode B] SHUT by increased signal ↔ OPEN by decreased signal (Option: J) Impossible to change the mode. Please appoint it at the time of the order.	
Indication signal	0 mA : SHUT ↔ 1 mA : OPEN (External load resistance: less than 3 kΩ) Common in mode A / B	
Resolution	Less than 0.2 %	
Duty cycle	100 / 200 V AC : 100 % 110 / 220 V AC : 50 % 30 min.	
Ambient temperature	-10 to 50 °C	
Space heater	Built in to the control board	
Manual operation	Manual shaft	
Enclosure	Equivalent to IP65 (IEC 60529)	
Housing material	Aluminum alloy diecast (acrylic resin baking finish)	
Terminal block	For bare wire 0.2 to 1.5 mm ² (AWG 26 to 16) Ground terminal: M3	
Conduct port	G3/8 Cable gland (for Φ5 to 10.5 mm cable)	

WIRING

