LAX type Electric Actuator Specifications

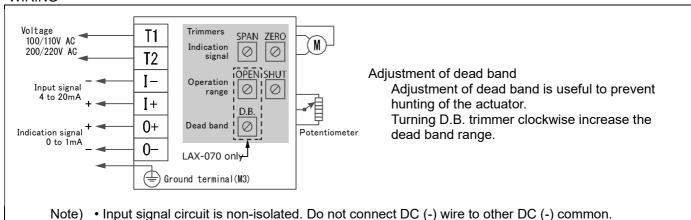
FEATURE

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

SPECIFICATION

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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)	0.46 / 0.55 (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 contri		Synchronous motor (Triac control)	
Overload protection		Timer	
Method of operation Propo		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 \leftrightarrow 1 mA : OPEN (External load resistance: less than 3 k Ω) 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 mm² (AWG 26 to 16) Ground terminal: M3	
Conduct port		G3/8 Cable gland (for Φ5 to 10.5 mm cable)	

WIRING



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• Do not adjust operating angle of a valve (OPEN/SHUT trimmer). Please contact us if you need to adjust operating angle.