

M400 Series

Thermoelectric Linear Actuators

Honeywell M400 Series Thermoelectric Linear Actuator is specially designed for short and linear stroke on/off valves, like actuated zone valve and on/off pressure independent control valve and more. With a slower running speed, the thermoelectric actuator can help to avoid water hammer effectively .

For normally closed (NC) version actuator, when power is on, the built-in paraffin propeller expands causing the push rod to move up and the valve is opened. When power is off, the built-in paraffin propeller shrinks causing the push rod to move down and the valve is closed.

The actuator and valve are easy to be installed. A 1 meter cable is included for convenient on-site connection.



Features



No mounting tools required (easily mounted using valve adapter)



Water-protected housing design in all mounting positions



Compact design allows installation in limited space



Visual indicator to show valve position



Noiseless operation



Reliable long term operation



Overload protection (4 kV) for 230 V models

Basic Parameters

Model	M400
Power supply	230 VAC ± 10% 50/60Hz, 24VAC ± 10% 50/60Hz,
Thrust force	100~140N
Stroke	4.5mm
Power consumption	2VA
IP rating	IP54
Wiring	2*0.5mm ²
Connection	M30 x 1.5
Operating environment	-5~60°C, 0~90%R.H

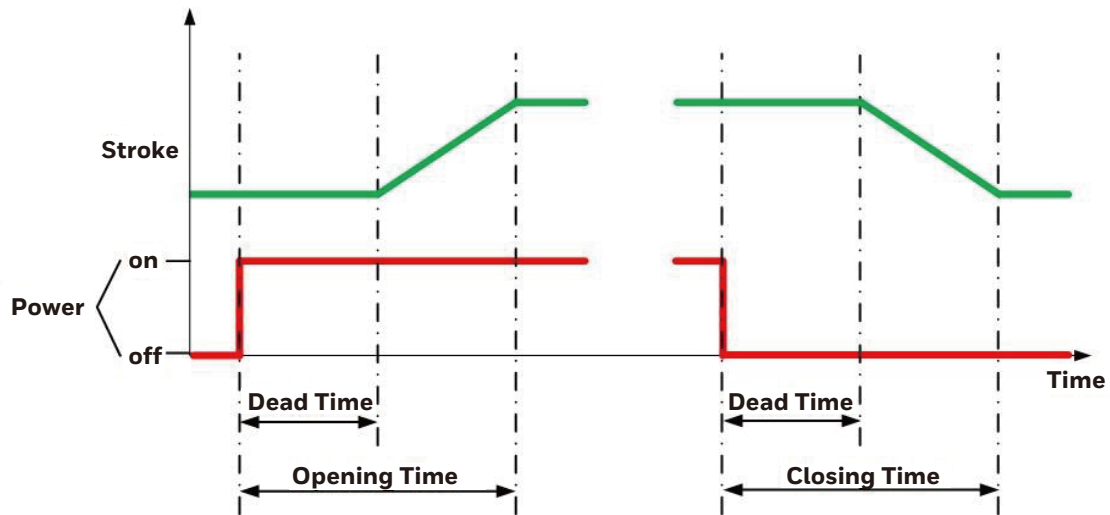
Order information and parameters

SKU	Stroke	Action	Voltage	Initial Current*	Permanent Current*	Power Consumption*	Running time**
M400-AG	4.5mm	Normally Closed (NC)	24VAC±10%	<250mA	85mA±1.5mA	2W	5min±1.5min
M400-BG	4.5mm	Normally Closed (NC)	230VAC±10%	<250mA	8mA±1.5mA	2W	3.5min±1.5min

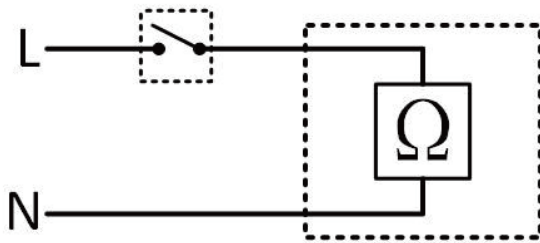
* All values at nominal voltage 24 VAC, 230 VAC, 50 Hz, ambient temperature: 30 °C

** Value at ambient temperature: 30 °C , the first running time is longer than routine .

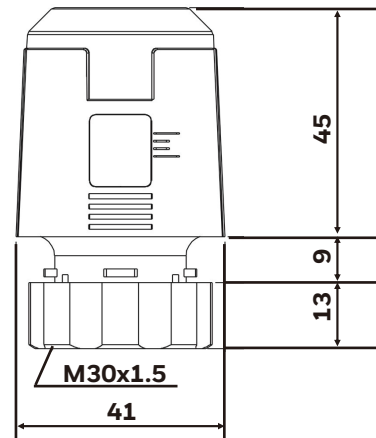
Open and Close time



Wiring and dimension (mm)



There are two cables, one is connected with live line, one is connected with neutral line, no color identification.



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All specifications are subject to change without notice.

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