

FB... Actuator Series

On/Off, On/Off + Switch, Modulating

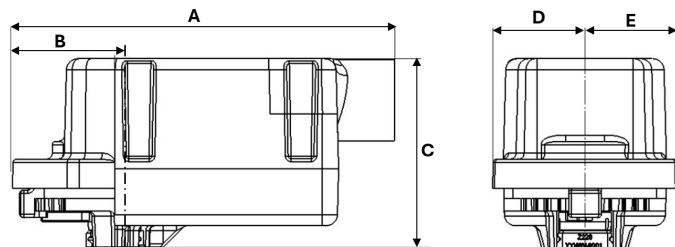


Fail Safe

Specification		Auxiliary switch			
		FB24	FB24-S	FB24M	FBLV
Control	Signal	On/Off	On/Off + Switch	Modulating (0)2 -10VDC	On/Off
Power	Voltage AC	24 VAC 50/60 Hz \pm 20%			110 -230 VAC \pm 10%
	Voltage DC	24 VDC \pm 10%			
	Overload Protection	Electronic			
	Consumption	1 W	1.5 W	0.5 W	
	Transformer	1 VA (Class 2)	2 VA (Class 2)	1 VA (Class 2)	
	Connection	Plenum rated cable 18 AWG: 3 ft (1 m)	Plenum rated cable 22 AWG: 3 ft (1 m)		Plenum rated cable 18 AWG: 3 ft (1 m)
Operation	Runtime (Motor)	80 Seconds		75 Seconds	
	Runtime (CAP)	50 Seconds			
	Manual Override	With actuator body			
	Rotation Angle	90°, tool free field adjustable mechanical stops			
	Rotation Direction (Motor)	Jumper Switch CW/CCW,			
	Rotation Direction (CAP)	Jumper Switch CW/CCW,			
	Position Indicator	Visual Pointer			
	Noise Motor	35dBA			
	Noise Motor Cap	35dBA			
	Housing	Protection	NEMA 1 / IP40		
	Rating	UL94-5V (B)			
Temp.	Ambient	-0°F to 122°F (-18°C to 50°C)			
	Storage	-22°F to 122°F (-30°C to 50°C)			
	Humidity	5 to 95% non-condensing			
Agency Listing		cULus UL 60730-1A/-2-14			
		CAN/CAS E60730-1:2			
		CE according to 2004/108/EC and 2006/95/EC for line voltage			

Dimensions

A		B		C		D		E	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
4.89	124	1.43	36.3	2.34	59.4	1.11	28.3	1.11	28.3

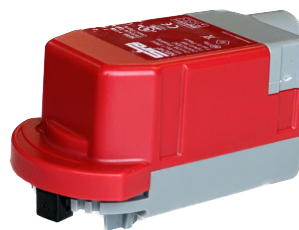


On/Off: **FB24**

On/Off, Auxiliary Switch: **FB24-S**

Modulating: **FB24M**

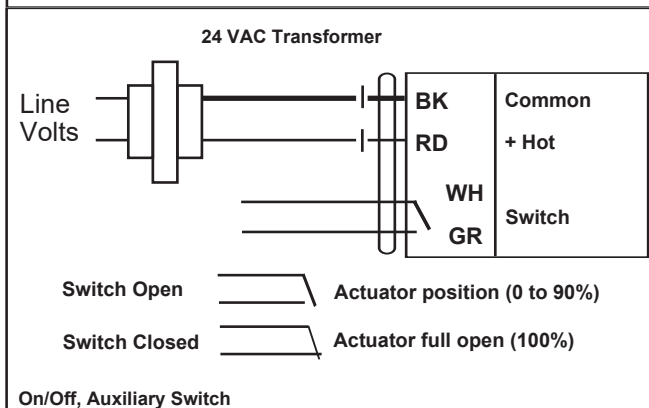
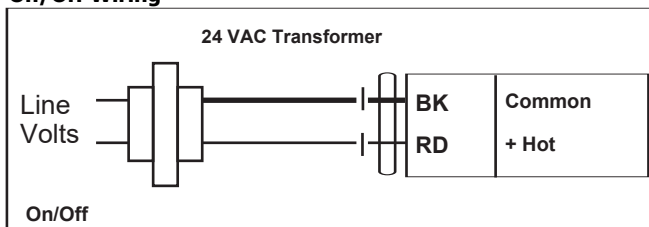
On/Off Line Voltage: **FBLV**



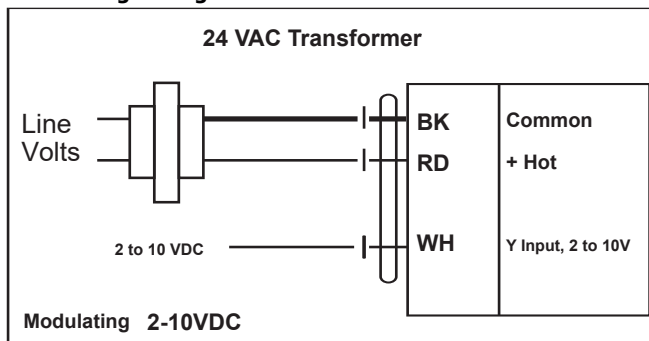
WARNING

Actuator must be installed by licensed or electrically trained technician. Failure to follow electrical safety precaution when working with live electrical connection could result in injury or death.

On/Off Wiring



Modulating Wiring



On/Off Line Voltage

