

# KRB24-3

On/Off, Floating Point, Non-Spring Return, 24 V









Technical Data	
Power Supply	24 VAC $\pm$ 20%, 50/60 Hz, 24 VDC $\pm$ 20%
Power Consumption Running	1 W
Power Consumption Holding	0.2 W
Transformer Sizing	1.5 VA (class 2 power source)
Electrical Connection	3 ft, 18 GA plenum rated cable protected NEMA 2 (IP54)
Overload Protection	electronic throughout full rotation
Angle of Rotation	without end stop; limitless with end stop; 315° fix 287.5° max. with two end stops
Direction of Rotation (Motor)	by electrical installation
Position Indication	reflective visual indicator (snap on), with magnet
Manual Override	disengage with magnet
Running Time (Motor)	75 sec constant, independent of load
Humidity	5 to 95% RH non condensing (EN 60730-1)
Ambient Temperature Range	-22°F to +122°F [-30°C to +50°C]
Storage Temperature Range	-40°F to +176°F [-40°C to +80°C]
Housing	NEMA 2, IP54
Housing Material	UL94-5VA
Noise Level (Motor)	<45 dB (A)
Servicing	maintenance free
Quality Standard	ISO 9001
Weight	0.4 lb [0.2 kg]


†Rated Impulse Voltage 800V, Type action 1, Control Pollution Degree 3.

Date created, 09/01/2016 - Subject to change. © Belimo Aircontrols (USA), Inc.

#### Wiring Diagrams

#### ✂️ INSTALLATION NOTES

-  Actuators with appliance cables are numbered.
-  Provide overload protection and disconnect as required.
-  Actuators may also be powered by 24 VDC.
-  Actuators Hot wire must be connected to the control board common. Only connect common to neg. (-) leg of control circuits. Terminal models (-T) have no-feedback.
-  Actuators may be connected in parallel if not mechanically linked. Power consumption and input impedance must be observed.
-  Meets cULus requirements without the need of an electrical ground connection.

 **WARNING! LIVE ELECTRICAL COMPONENTS!**  
 During installation, testing, servicing and troubleshooting of this product, it may be necessary to work with live electrical components. Have a qualified licensed electrician or other individual who has been properly trained in handling live electrical components perform these tasks. Failure to follow all electrical safety precautions when exposed to live electrical components could result in death or serious injury.

