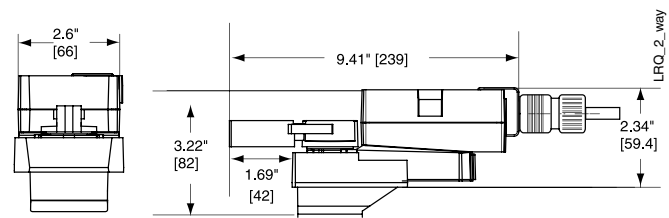


LRQ...24-1 Quick Running Actuators, On/Off



Dimensions



Models

LRQB24-1	Basic Version
LRQX24-1	Flexible Version

Technical Data	
Control	on/off
Power supply	24 VAC \pm 20% 50/60 Hz 24 VDC \pm 10%
Power consumption	running 12 W holding 1.5 W
Transformer sizing	18 VA (Class 2 power source) 20A @ 5ms max
Electrical connection	1/2" conduit connector 18 GA plenum rated cable LRQB24-1 3 ft [1m] LRQX24-1 3 ft [1m], 10 ft [3m], 16 ft [5m]
Overload protection	electronic throughout 0 to 95° rotation
Input impedance	600 Ω
Angle of rotation	max 95°, adjustable with mechanical stop
Direction of rotation	reversible with switch
Position indication	handle
Manual override	external push button
Running time	
LRQB24-1	5 seconds constant of independent load
LRQX24-1	5 or 10 seconds constant of independent load
Humidity	5 to 95% RH non-condensing (EN 60730-1)
Ambient temperature	-22°F to 122°F [-30°C to 50°C]
Storage temperature	-40°F to 176°F [-40°C to 80°C]
Housing	NEMA 2/IP54
Housing material	UL94-5VA
Agency listings†	cULus according to UL 60730-1A/-2-14, CAN/CSA E60730-1:02, CE according to 2004/108/EC and 2006/95/EC for line voltage and/or –S versions
Noise level	<52 dB(A)
Quality standard	ISO 9001

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Wiring Diagrams



INSTALLATION NOTES



Provide overload protection and disconnect as required.



Actuators may also be powered by 24 VDC.



APPLICATION NOTES



Meets cULus or UL and CSA 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.

