

# NMX24-3-F-T

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



Torque min. 90 in-lb, for control of damper surfaces up to 22 sq. ft.

Technical Data	
Power Supply	24 VAC ± 20%, 50/60 Hz, 24 VDC ± 10%
Power Consumption Running	2 W
Power Consumption Holding	0.2 W
Transformer Sizing	4 VA (class 2 power source)
Electrical Connection	18 GA plenum rated cable with 1/2" conduit connector protected NEMA 2 (IP54) 3ft [1m] 10 ft [3m] and 16 ft [5m]
Overload Protection	electronic throughout 0° to 95° rotation
Input Impedance	600 Ω
Angle of Rotation	max. 95°, adjustable with mechanical stop
Torque	90 in-lbs [10 Nm] minimum
Direction of Rotation (Motor)	reversible with switch
Position Indication	reflective visual indicator (snap on)
Manual Override	external push button
Running Time (Motor)	95 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, UL enclosure type 2
Housing Material	UL94-5VA
Agency Listings†	cULus acc. to UL60730-1A/-2-14, CAN/CSA E60730-1:02, CE acc. to 2004/108/EC and 2006/95/EC
Noise Level (Motor)	<45 dB (A)
Servicing	maintenance free
Quality Standard	ISO 9001
Weight	1.8 lb [0.8 kg]

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**Wiring Diagrams**

- 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.
- Actuators are provided with a numbered screw terminal strip instead of a cable.

