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M8405A1006/U

24 Vac Mod. Spring Return, 3 Pos. Motor

Overview

25 lb-in. spring return damper actuators provide two-position, three-position, floating, or module economizer systems, ventilation dampers and combustion air dampers used in residential or c equipment.

Features

- Synchronous Motor.
- Quiet, high efficiency drive motor.
- Spring returns motor shaft to normal position in the event of power failure.
- High impact, glass-fiber reinforced plastic case is rugged, lightweight and corrosion resi
- Uses Q298B Linkage.

Product Specifications

Dimensions (in.)	4 1/2 in. high x 5 in. wide x 5 3/16 in. deep
Dimensions (mm)	114 mm high x 127 mm wide x 132 mm deep
Used With	W7459C
Weight (lb)	3 lb
Materials	UL94-5V plastic housing
Comments	Vibration-- V2 level
Mounting	Foot-mounted
Frequency	50 Hz; 60 Hz
Approvals, Underwriters Laboratories Inc.	Listed File: E4436, Guide: XAPX
Electrical Connections	Quick-connect terminals
Operating Humidity Range (% RH)	5 to 95% RH, non-condensing
Power Consumption	Driving-- 8 VA, Holding-- 3 VA
Operating Temperature Range (F)	-25 F to +125 F
Operating Temperature Range (C)	-32 C to +52 C
Shipping and Storage Temperature Range (F)	-30 F to +150 F
Shipping and Storage Temperature Range (C)	-34 C to +66 C
Timing	Minimum-- 90 sec, Run Time Maximum-- 90 sec
Stroke	Fixed Stroke; Angle of Rotation-- 90 degrees maximum
Control Signal	Three position
Fail Safe Mode	Spring Return

Torque Rating (lb-in.)	25 lb-in.
Torque Rating (Nm)	2.8 Nm
Additional Torque Ratings (lb-in.)	Breakaway-- 40 lb-in.
Additional Torque Ratings (Nm)	Breakaway-- 4.5 Nm
External Auxiliary Switches Available	Yes
Rotation to Open	CCW
Timing, Nominal	Opening-- 90 sec
Spring Return Timing	Nominal-- 18 sec
Feedback	No
Motor shafts	1
Deadweight Load on Shaft	Power End-- 15 lbs max

