The MA-15S motor actuator is easy to install, easy to wire up, and comes with a 5 year warranty. The superior design insures long life and zero maintenance. The Motor can be oriented in any position in a conditioned area. The UL Listed Motor Actuator is a 24vac 3 wire power open & power close type rated at 18 inch lbs. of torque and 15 second travel time. The MA-15S can also operate in floating mode and is compatible with Carrier® Infinity & Bryant® Evolution communicating zone control systems. The MA-15S includes an integrated wiring terminal block, and has a NEMA1 rated housing. Dual End-Stop adjustments allow for a maximum Open and Minimum Close field position capability.

Technical Data

Power Supply 24 VAC ± 20% 50/60Hz
24 VDC ± 10%

Power Consumption 1.5 W

Transformer Sizing 2.5 VA (Class 2 power source)

Electrical Connection Screw Terminal
(26 to 14 GA Wire)

Control Function Open / Close or Floating Point

Torque 18 in-lb [2 Nm]

Manual Override External Push Button

Running Time 15 seconds, constant
independent of load

Humidity 5 to 95% RH Non-Condensing

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 1 / IP20

Housing Material UL94-5VA

Agency Listings cULus

Noise Level 45dB(A)

NOMINAL DIMENSIONS

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<tr>
<th>MODEL #</th>
<th>A</th>
<th>B</th>
<th>.1&quot; WC</th>
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<td>URD - 20</td>
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WIRING SOLUTIONS

Motor Actuator Terminals

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<td>Power Open</td>
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<tr>
<td>6</td>
<td>Power Close</td>
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</tbody>
</table>

Wiring to a Zone Control Panel

MA-15s ACTUATOR

- 6
- 4
- 1

ZONE CONTROL DAMPER OUTPUT

- M6 / PC
- M4 / PO
- M2/HOT
- M1/COM

Wiring a Thermostat to Control a Single Damper

MA-15S

- COM 1
- PO 4
- PC 6

MODEL T40-VA

EWT THERMOSTAT

1 HEAT / 1 COOL OR EQUIVALENT

Wiring in Parallel

MA-15s

- 6
- 4
- 1

NOTE: You may electrically parallel several MA-15S motors together on a single zone. However, DO NOT parallel the MA-15S with original Carrier/Bryant damper motors on the same zone. The back-feed characteristic of the Carrier/Bryant motors is not compatible with the MA-15S motors.