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. The robust MA-15S is typically specified on Ultra-Zone® URD and ND style dampers.

### 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)

### END STOP ADJUSTMENT

- **Loosen Philips Head Screw**
- **Move End-Stop to Desired “Closed” Position**
- **Tighten Philips Head Screw**
**WIRING SOLUTIONS**

### Motor Actuator Terminals

<table>
<thead>
<tr>
<th>TERMINAL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>24v Com.</td>
</tr>
<tr>
<td>4</td>
<td>Power Open</td>
</tr>
<tr>
<td>6</td>
<td>Power Close</td>
</tr>
</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 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.