MN6105, MN6110, MN7505, MN7510
Non-Spring Return
Direct Coupled Actuators

Disconnect power before installation.
Mounting on Counterclockwise (CCW) or Clockwise (CW) Closing Damper

<table>
<thead>
<tr>
<th>CCW-CLOSING DAMPER</th>
<th>CW-CLOSING DAMPER</th>
<th>OPTIONAL STEP</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="CCW-CLOSING DAMPER Diagram" /></td>
<td><img src="image2" alt="CW-CLOSING DAMPER Diagram" /></td>
<td><img src="image3" alt="OPTIONAL STEP Diagram" /></td>
</tr>
</tbody>
</table>

**CCW-CLOSING DAMPER**
- **Angle Range:** 5.5°, 11°, 16.5°, 22°...
- **Torque:** 3.0 TO 3.5 Nm

**CW-CLOSING DAMPER**
- **Angle Range:** 5.5°, 11°, 16.5°, 22°...
- **Torque:** 3.0 TO 3.5 Nm

**OPTIONAL STEP**
- **Angle Range:** 5.5°, 11°, 16.5°, 22°...
- **Torque:** 3.0 TO 3.5 Nm
Wiring

MN6105, MN6110, MN7505, MN7510 NON-SPRING RETURN DIRECT COUPLED ACTUATORS

MN7505, MN7510 MODULATING: 0[2]... 10 V, 10... 0[2] V

MN7505, MN7510 FLOATING: DIR

MN6105, MN6110 TWO-POSITION: DIR

MN6105, MN6110 FLOATING: DIR

MN7505, MN7510 MODULATING: 0[2]... 10 V, 10... 0[2] V

MN7505, MN7510 FLOATING: DIR

END SWITCHES (CLASS II-ONLY)

24 VAC

24 VDC SUPPLY ACCEPTABLE.

LINE VOLTAGE POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.

- - - - REQUIRED FOR FEEDBACK USE

- - - - OVERLOAD OPTION

- - - - REQUIRED FOR FEEDBACK USE
Adjusting for Counterclockwise (CCW) or Clockwise (CW) Closing Damper/Synchronization

**CCW-CLOSING**
- MN6105, MN6110
- MN7505, MN7510
- 2... 10 V
- 0... 10 V
- Dir
- Rev
- Service/Off

**CW-CLOSING**
- MN6105, MN6110
- MN7505, MN7510
- 2... 10 V
- 0... 10 V
- Dir
- Rev
- Service/Off

**SYNCHRONIZATION**
- MN7505, MN7510 ONLY
- POWER ON ~3 MIN
- SERVICE/OFF (>2 SEC.)

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