OpenAir™ GJD Series Electronic Damper Actuators for
UL Listed Fire/Smoke and Smoke Control Dampers
2-Position, 30-second Run Time, 15-second Spring Return Time

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Operating Voltage</th>
<th>3-ft Plenum Cable</th>
<th>EFL Capability</th>
<th>Two Fixed Auxiliary Switches</th>
</tr>
</thead>
<tbody>
<tr>
<td>GJD121.1U</td>
<td>24 Vac ±20%/24Vdc+20%</td>
<td>●</td>
<td>●</td>
<td></td>
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<tr>
<td>GJD126.1U</td>
<td>24 Vac ±10%</td>
<td>●</td>
<td>●</td>
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<tr>
<td>GJD221.1U</td>
<td>120 Vac ±10%</td>
<td>●</td>
<td>●</td>
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<tr>
<td>GJD226.1U</td>
<td>230 Vac ±10%</td>
<td>●</td>
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<tr>
<td>GJD321.1U</td>
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<tr>
<td>GJD326.1U</td>
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Technical Data

- **Description**
  - The OpenAir direct-coupled, 2-position, spring return electronic damper actuators are UL listed for smoke control dampers or for combination fire/smoke rated dampers. Actuators are designed to operate reliably in smoke control systems requiring Underwriter's Laboratories, Inc. UL555/555S rating when tested as an assembly with the damper and will meet requirements of UBC for 30-second opening and 15-second closing at 250°F (121°C).

- **Features**
  - Optional built-in auxiliary switches with fixed switch points at 5° and 85° rotation.
  - Built-in Electronic Fusible Link (EFL) capability with three temperature ratings; 165°F, 212°F, and 250°F
  - Reversible, fail-safe spring return
  - Plenum-rated
  - Pre-cabled
  - 30-second operation at rated torque, temperature, and voltage
  - Fixed Dual End Switches
    - 24 Vdc, 24 Vac to 250 Vac
    - 6A resistive
    - 2FLA/12 LRA
    - SPST
    - Fixed 5° and 85°

- **Accessories**
  - Electronic Fuse Link (24 Vac)
    - ASK791.165 165°F (74°C)
    - ASK791.212 212°F (100°F)
    - ASK791.250 250°F (121°C)

- **Power Consumption**
  - GJD12x.1U, GJD22x.1U:
    - Running: ~10VA/5.0 W
    - Holding: ~5VA/3.0 W
  - GJD32x.1U:
    - ~12VA/5.0 W
    - ~7VA/3.0 W

- **Dimensions (Approximate)**
  - 5.61" H × 2.83" W × 2.48" D
  - (142.6 mm H × 72 mm W × 63 mm D)

- **Weight**
  - 1.32 lbs. (0.60 kg)

- **Country of Origin**
  - USA
Maintenance

The National Fire Protection Association NFPA 92A Standard for Recommended Practice for Smoke-Control System and UL 864 Standard for Control Units and Accessories for Fire Alarm Systems, require weekly self-test for dedicated smoke control equipment used in a smoke control system. The National Fire Protection Association NFPA 72 Standard for National Fire Alarm Codes states that all life safety systems are to be functionally checked at least annually. The GJD actuator is designed such that no special cycling during long-term holding is required. The GJD actuator complies with the AMCA Standard 520 testing revision.

Wiring Diagrams

NOTE: Actuators may be connected in parallel. Power consumption must be observed.

![Wiring Diagrams](image)

Electronic Fusible Link

![Electronic Fusible Link](image)

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