## 2-Position Damper Actuators

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FSTF</strong></td>
<td>For dampers up to 2 sq. ft. and 2000 fpm at 250°F (121°C)</td>
<td>24VAC/DC, 120VAC, 240VAC</td>
</tr>
<tr>
<td><strong>FSLF</strong></td>
<td>For dampers up to 4 sq. ft. and 2000 fpm at 350°F (177°C)</td>
<td>24VAC/DC, 120VAC, 240VAC</td>
</tr>
<tr>
<td><strong>FSNF</strong></td>
<td>For dampers up to 12 sq. ft. and 2000 fpm at 350°F (177°C)</td>
<td>24VAC/DC, 120VAC, 240VAC</td>
</tr>
<tr>
<td><strong>FSAF_A</strong></td>
<td>For dampers up to 16 sq. ft. and 2000 fpm at 350°F (177°C)</td>
<td>24VAC/DC, 120VAC, 240VAC</td>
</tr>
</tbody>
</table>

## Modulating Damper Actuators

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<tr>
<th>Model</th>
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<tbody>
<tr>
<td><strong>FSAFB24-SR (-S)</strong></td>
<td>For dampers up to 16 sq. ft. and 2000 fpm at 250°F (177°C)</td>
<td>24VAC/DC</td>
</tr>
</tbody>
</table>

## Balancing Damper Application

**SGA/F24**

- **SGA 24-10VDC**
- **FSAFB24-SR**

- Relay 1: Override open
  - Changeover will drive damper full open
- Relay 2: Override closed
  - Opening contact will spring damper closed
- Network connection

*FSAFB24-SR used as a balancing damper actuator*
BAE 165 US Electronic Thermal Sensor Switch

The BAE 165 is the primary heat responsive device - manual reset high limit. It is connected in series with the power supply of the fire & smoke actuator.

Auxiliary Switch

Auxiliary Switch Versions Available (-S Models)
FSTF, FSLF, FSNF, and FSAF Actuators
Note: Contact type & wire colors vary.

S2A-F
Auxiliary Switch Retrofit for use with FSLF, FSNF, and FSAF. Two adjustable SPDT switches.

Belimo Fire and Smoke Retrofit Solutions Offer

- 5-year warranty
- UL 2043 listed for use in plenums
- UL 555 & UL 555S listed with all major damper manufacturers
- Wide variety of linkage kits
- Comprehensive competitive replacement instructions

www.belimo.us/firesmoke