DESIGNED FOR USE IN EXPLOSION-PROOF ATMOSPHERES

- Approved for mounting in any manner including dome up
- Available in 24VDC and 120VAC
- Six lens colors
- 10,000 hour strobe tube
- ¾” NPT pendant, ceiling and wall mount options available
- Dome guard optional
- Type 4X, IP66 enclosure
- Marine Rated
- UL and cUL Listed and CSFM Approved

Model 27XST

Federal Signal’s Model 27XST explosion-proof strobe light produces 80 high-intensity flashes per minute. This warning light operates on 24VDC and 120VAC, 50/60Hz and is unique to the market because it covers an entire range of possible mounting configurations – including dome up.

The 27XST is UL Listed for Class I, Division 1, Groups C and D; Class II, Division 1, Groups E, F and G; Class I, Division 2, Groups A, B; and Class III. The 27XST is UL and cUL listed, and Marine Rated.

The 24VDC 27XST features a voltage in-rush limiting PCB design that provides greater compatibility with factory automation control systems and less electrical interference with in-rush sensitive devices.

The 27XST is Type 4X rated; constructed to IP66. Corrosion resistance is achieved with a powder coat finish applied over the copper-free aluminum housing.

Federal Signal’s Model 27XST has an effective candela (ECP) of 850 and a two million peak candela. The 27XST can be paired with a pendant, ceiling or wall mount. For easy installation, the mounting box is first installed and the fixture is then threaded onto the mounting box, making the electrical connection. Electrical continuity is made when five threads are engaged.

Federal Signal’s Model 27XST is specifically designed for explosion-proof atmospheres and/or corrosive environments. Because it is easy to install and requires very low maintenance, it is ideal for use in areas such as oil rigs, mines, refineries, and chemical plants.

Hazardous Location Rating:

<table>
<thead>
<tr>
<th>Hazardous Location</th>
<th>T-Code at Maximum Ambient Temperature, °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class I, Div 1 &amp; 2, Groups C &amp; D</td>
<td>T6/85° T4/120°</td>
</tr>
<tr>
<td>Class I, Div 2, Groups A &amp; B</td>
<td>T2/300° T2/300°</td>
</tr>
<tr>
<td>Class II, Div 1, Groups E, F &amp; G</td>
<td>T6/85° T4/120°</td>
</tr>
<tr>
<td>Class III</td>
<td>T6/85° T4/120°</td>
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</tbody>
</table>

### Operating Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Operating Current</th>
<th>Flash Rate/Minute</th>
<th>Candela Peak</th>
<th>ECP</th>
</tr>
</thead>
<tbody>
<tr>
<td>27XST-024*-MOD†</td>
<td>24VDC</td>
<td>1.90 amps (3.0 amp In-rush)</td>
<td>80</td>
<td>2,000,000</td>
<td>850</td>
</tr>
<tr>
<td>27XST-120*-MOD†</td>
<td>120VAC 50/60Hz</td>
<td>1.14 amps</td>
<td>80</td>
<td>2,000,000</td>
<td>850</td>
</tr>
</tbody>
</table>

* Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green or (R) Red (Magenta available in 120VAC model only)
† See “how to order” for mounting options.
‡ Peak Candela is the maximum light intensity generated by a flashing light during its light pulse
§ ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily
EXPLOSION-PROOF STROBE LIGHT (27XST)

**SPECIFICATIONS**

- **Lamp Life:** 10,000 Hours
- **Light Source:** Strobe tube
- **Operating Temperature Range:** -67°F to 150°F
- **Net Product Weight**
  - Signal without Mounting: 13.9 lbs
  - Ceiling Mount: 4.5 lbs
  - Pendant Mount: 2.0 lbs
  - Wall Mount: 5.9 lbs

**HOW TO ORDER**

1. Specify model, voltage and color
2. Specify Mounting Kit
   - Ceiling Mount (CMXC-SB)
   - Pendant Mount (PMXC-SB)
   - Wall Mount (WMXC-SB)
   - Optional Accessories: Dome Guard (DGXC-SB)

**REPLACEMENT PARTS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exterior Dome Assembly, Clear</td>
<td>K8436147A</td>
</tr>
<tr>
<td>Interior Lens Assembly, Amber</td>
<td>K8550C095A-02</td>
</tr>
<tr>
<td>Interior Lens Assembly, Blue</td>
<td>K8550C095A-01</td>
</tr>
<tr>
<td>Interior Lens Assembly, Clear</td>
<td>K8550C095A</td>
</tr>
<tr>
<td>Interior Lens Assembly, Green</td>
<td>K8550C095A-04</td>
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<tr>
<td>Interior Lens Assembly, Magenta</td>
<td>K8550C095A-07</td>
</tr>
<tr>
<td>Interior Lens Assembly, Red</td>
<td>K8550C095A-03</td>
</tr>
</tbody>
</table>

- 24VDC Mechanism: K8436107F-03
- 120VAC Mechanism: K8436107E-02
- Strobe Tube: K8107159A
- PC Assembly, 24VDC: K2001918B-01