Model 27XST

Explosion-Proof Strobe Light

Federal Signal’s Model 27XST explosion-proof strobe light 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. Three mounting options available: pendant, ceiling or 90° 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. Pre-install the mounting bracket, 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.

Features

- Approved for mounting in any manner-including dome up
- Available in 24VDC, 120VAC and 240VAC
- Six lamp/lens colors: Amber, Blue, Clear, Green, Magenta and Red
- 10,000 hour strobe tube
- 3/4” NPT pendant, ceiling and wall mount options available
- Dome guard optional
- Type 4X, IP66, IP69K enclosure
- Marine Rated
- UL and cUL Listed for Class I, Division 1 and 2, Groups C and D; Class I, Division 2, Groups A and B; Class II Division 1, Groups E, F, and G; and Class III
- CSFM Approved

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Operating Current</th>
<th>Flash Rate/Minute</th>
<th>Light Output Peak</th>
<th>ECP</th>
</tr>
</thead>
<tbody>
<tr>
<td>27XST-024 *-MOD⁴</td>
<td>24VDC</td>
<td>1.90 amps (3.0 amp In-rush)</td>
<td>80</td>
<td>2,000,000 cd</td>
<td>850 cd</td>
</tr>
<tr>
<td>27XST-120 *-MOD⁴</td>
<td>120VAC 50/60Hz</td>
<td>1.14 amps</td>
<td>80</td>
<td>2,000,000 cd</td>
<td>850 cd</td>
</tr>
<tr>
<td>27XST-240 *-MOD⁴</td>
<td>240VAC 50/60Hz</td>
<td>1.14 amps</td>
<td>80</td>
<td>2,000,000 cd</td>
<td>850 cd</td>
</tr>
</tbody>
</table>

* Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green or (R) Red (Magenta available in 120VAC and 240VAC models only)

⁴ See “how to order” for mounting options

HAZARDOUS LOCATION RATING: 27XST

<table>
<thead>
<tr>
<th>Hazardous Location</th>
<th>T-Code at Maximum Ambient Temperature, °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class I, Division 1 &amp; 2, Groups C, D</td>
<td>T6 65°C, T4A 40°C</td>
</tr>
<tr>
<td>Class I, Division 2, Groups A, B</td>
<td>T2 65°C, T2 40°C</td>
</tr>
<tr>
<td>Class II, Division 1, Groups E, F, G</td>
<td>T6 65°C, T4A 40°C</td>
</tr>
<tr>
<td>Class III</td>
<td>T6 65°C, T4A 40°C</td>
</tr>
</tbody>
</table>
Explosion-Proof Strobe Light (27XST)

**Specifications**

- **Lamp Life:** 10,000 Hours
- **Light Source:** Strobe Tube
- **Operating Temperature:** -67°F to 150°F (-55°C to 65°C)
- **Net Product Weight**
  - Signal without Mounting: 13.9 lbs (6.3 kg)
  - Ceiling Mount: 4.5 lbs (2.0 kg)
  - Pendant Mount: 2.0 lbs (0.9 kg)
  - Wall Mount: 5.9 lbs (2.7 kg)

**How to Order**

- **27XST - 024 A MOD**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>VOLTAGE</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>27XST</td>
<td>024 (24VDC)</td>
<td>A (Amber)</td>
</tr>
<tr>
<td>120</td>
<td>(120VAC)</td>
<td>B (Blue)</td>
</tr>
<tr>
<td>240</td>
<td>(240VAC)</td>
<td>C (Clear)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>G (Green)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M (Magenta)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R (Red)</td>
</tr>
</tbody>
</table>

Specify Optional Mounting:*

- Ceiling Mount
- Pendant Mount
- Wall Mount

*Mounting kit must be ordered with unit, sold separately

**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>
</tr>
<tr>
<td>Interior Lens Assembly, Magenta</td>
<td>K8550C095A-07</td>
</tr>
<tr>
<td>Interior Lens Assembly, Red</td>
<td>K8550C095A-03</td>
</tr>
<tr>
<td>24VDC Mechanism</td>
<td>K8436107F-03</td>
</tr>
<tr>
<td>120VAC Mechanism</td>
<td>K8436107E-02</td>
</tr>
<tr>
<td>240VAC Mechanism</td>
<td>K8436107E-01</td>
</tr>
<tr>
<td>Strobe Tube</td>
<td>K8107159A</td>
</tr>
</tbody>
</table>

**Optional Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dome Guard</td>
<td>DGXC-SB</td>
</tr>
</tbody>
</table>