Description and Operation

The Edwards 439D series models are heavy-duty, dc powered, vibrating fire bells. They are designed for public mode signaling in accordance with the latest edition of NFPA 72. These vibrating bells produce a long, continuous ringing sound. See table below for electrical specifications.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Size (in.)</th>
<th>Voltage</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>439D-6AW-R</td>
<td>6</td>
<td>20/24V DC</td>
<td>0.085</td>
</tr>
<tr>
<td>439DG-6AW</td>
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<tr>
<td>439D-8AW-R</td>
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<tr>
<td>439DG-10AW-R</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>439D-10AW</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Installation

CAUTION
Do not apply power to bell until installation has been completed.

Prior to starting installation, refer to Figure 1 for bell size.

Wall Box Mounting (Figure 3)

1. Remove screw and lockwasher from front of gong and remove gong. Retain hardware and gong.
2. Pull bell lead wires through hole in insulator (Figure 2).
3. Feed the power source wiring from electrical outlet box through the metal mounting plate. Ensure that the mounting plate is aligned with the word “TOP” at the top and facing out and secure metal mounting plate to electrical outlet box with appropriate hardware (not supplied).

CAUTION
Break wire run to provide electrical supervision. Do NOT loop bell lead wires around signal circuit wiring.

4. Using wire nuts (not supplied), connect wires to circuit and push wires and connections down inside the electrical box (Figures 3 and 5).
5. Mount insulator and bell body onto studs of metal mounting plate (Figures 2 and 3). Secure using two lockwashers and two nuts (supplied).

Applying Power

CAUTION
Always disconnect all power before servicing or cleaning bell.

Examining bell annually for accumulation of dirt and clean when necessary.
Assemble bell base to mounting plate with (2) lockwashers and (2) nuts (supplied with bell).

Wiring for 4-wire bells to existing 3-wire signal circuit

NOTE: Use leads for connections as shown. Wire run MUST be broken to provide supervision of signal circuit.