

# Horns

## Vibrating

### 870 Series



The 870 Series panel mount vibrating horns are low current, high decibel for heavy-duty use. They come complete with gasket and are UL listed to NEMA 4X, NEMA 12 and NEMA 12K enclosure requirements.

Designed for semi-flush panel mounting, using supplied mounting template, or installation on a 4" square box. For NEMA 4X installation, mount to a NEMA 4X enclosure using the supplied gasket.

### Features and Specifications

- Corrosion resistant finish
- Volume adjustable
- Completely assembled
- Heavy duty die-cast housing
- NEMA Type 4X, NEMA Type 12 and Type 12K Rated
- Operating range: -20% to +10% of nominal voltage

#### 870P AC

- Adjustable output: 88 to 113dB @ 1m (78 to 103dB @ 10ft.)

#### 871P DC

- Adjustable output: 88 to 101dB @ 1m (78 to 91dB @ 10ft.)

### Ordering Information

| Description     | Cat. No. | Operating Voltage <sup>2</sup> | Current | VA   | dB at 1m/10ft. <sup>1</sup> | DC Coil Res (Ohms) |
|-----------------|----------|--------------------------------|---------|------|-----------------------------|--------------------|
| Panel Mount, AC | 870P-E5  | 12V AC                         | 1.25 A  | 15.0 | 113/103                     | 1.5                |
|                 | 870P-G5  | 24V AC                         | 0.63 A  | 15.1 | 113/103                     | 5.2                |
|                 | 870P-N5  | 120V AC                        | 0.13 A  | 15.6 | 113/103                     | 150                |
|                 | 870P-R5  | 240V AC                        | 0.07 A  | 16.8 | 113/103                     | 580                |
| Panel Mount, DC | 871P-C1  | 6V DC                          | 0.7 A   | 4.2  | 101/91                      | 1.4                |
|                 | 871P-E1  | 12V DC                         | 0.27 A  | 3.2  | 101/91                      | 6                  |
|                 | 871P-G1  | 24V DC                         | 0.16 A  | 3.8  | 101/91                      | 24                 |
|                 | 871P-J1  | 32V DC                         | 0.11 A  | 3.52 | 101/91                      | 40                 |
|                 | 871P-P1  | 125V DC                        | 0.025 A | 3.1  | 101/91                      | 600                |
|                 | 871P-S1  | 250V DC                        | 0.014 A | 3.5  | 101/91                      | 2640               |

<sup>1</sup>dB rating measured in anechoic chamber.  
<sup>2</sup>AC voltage frequency is 50/60 Hz.

### Accessories

| Description       | Cat. No. |
|-------------------|----------|
| Plastic Projector | 872-PO   |

### Signal Input Load Characteristics

These devices may be operated by PLCs with output characteristics that match the input load requirements of the signal.

| Cat. No. | Operating Voltage | Max. Off State Leakage Current (A) | Continuous On Current (A) | Surge (Inrush/Duration) Amps/Seconds |
|----------|-------------------|------------------------------------|---------------------------|--------------------------------------|
| 870P-N5  | 120V AC           | 0.025                              | 0.120                     | 1.02/0.00026                         |
| 871P-G1  | 24V DC            | 0.025                              | 0.150                     | 1.7/0.00042                          |

