

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 ²	Current	VA	dB at 1m/10ft. ¹	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

¹dB rating measured in anechoic chamber.

²AC 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/.000026
871P-G1	24V DC	0.025	0.150	1.7/.000042



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Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
870P-E5	1.80	2.05
870P-G5	1.80	2.05
870P-N5	1.80	2.05
870P-R5	1.80	2.05
871P-C1	1.80	2.05
871P-E1	1.80	2.05
871P-G1	1.80	2.05
871P-J1	1.80	2.05
871P-P1	1.80	2.05
871P-S1	1.80	2.05
872-PO	0.34	0.58

