

Edwards® 435 Series Adaptabel® DC Vibrating Bells

PLC Compatible



Cat. No. 435

Features

- PLC Compatible
- 4", 6", 8" and 10" gong sizes
- Supplied with Adaptaplate®
- Indoor or Outdoor

Description

DC vibrating bells produce a long continuous ringing sound. The striker continues to strike the gong in rapid-fire action as long as current is applied.

Agency Approvals

- UL Listed

Installation

Universal Adaptaplate mounts directly on surface of any single, double or octagon box.

The DC vibrating bell can be used in outdoor applications when mounted on 449 weatherproof back box.

For additional detail, see AdaptaBel

Installation on page 5-7 and Accessories on page 5-8.

Applications

Specified for timing, scheduling, and general alarm applications.

*PLC COMPATIBILITY

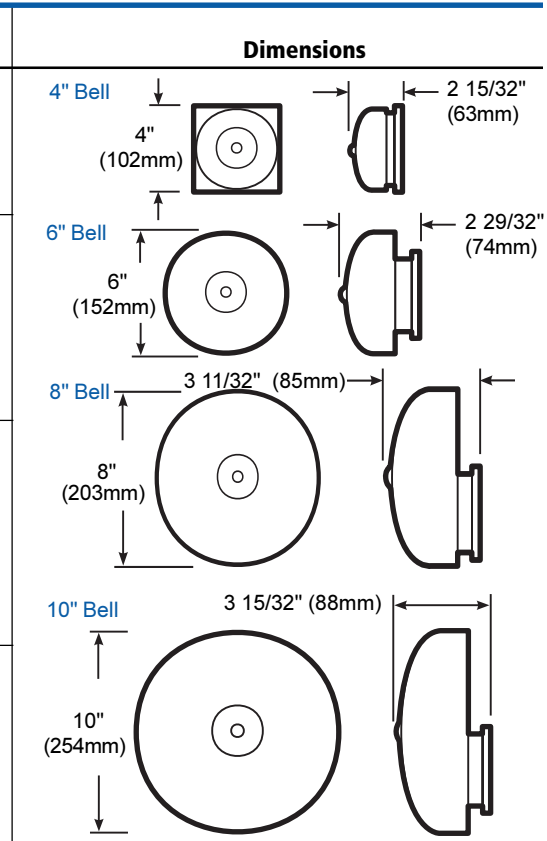
This device may be operated by PLCs that match the input load requirements of this signal. Be sure to match the input load characteristics of the signal with the output characteristics of the PLC before connecting.

Electromechanical bells such as this one can produce transient spikes and should only be used on PLC output cards that have inherent transient spike suppression. The Process Control Engineer should consult the PLC manufacturer when connecting 24V DC electromechanical devices to PLCs.

Signal Input Load Characteristics

Cat. No.	Operating voltage Volts/60 Hz	Max. off state leakage current mA	Cont. on current mA	Surge (inrush/duration) Amps/milliseconds
435-4G1	24V DC	5	62	1.06/0.0001
435-6G1	24V DC	5	62	1.14/0.000125
435-10G1	24V DC	5	62	1.14/0.000125

Cat No.*	Volts	Amps	VA	dB at 10 ft.	DC Coil Res (Ohms)
435-4C1	6	0.250	1.5	90	11
435-4E1	12	0.125	1.5	90	40
435-4G1	24	0.062	1.5	90	155
435-4J1	32	0.047	1.5	90	275
435-4P1	125	0.012	1.5	90	3000
435-6C1	6	0.250	1.5	92	11
435-6E1	12	0.125	1.5	92	40
435-6G1	24	0.062	1.5	92	155
435-6J1	32	0.047	1.5	92	275
435-6K1	48	0.031	1.5	92	620
435-6P1	125	0.012	1.5	92	3000
435-6S1	250	0.008	2.0	90	6100
435-8C1	6	0.250	1.5	93	11
435-8E1	12	0.125	1.5	93	40
435-8G1	24	0.062	1.5	93	155
435-8P1	125	0.012	1.5	93	3000
435-10E1	12	0.125	1.5	94	40
435-10G1	24	0.062	1.5	94	155
435-10P1	125	0.012	1.5	94	3000
435-10S1	250	0.008	2.0	90	6100



*Gong Size denoted by suffix in catalog number.

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Fax-on-Demand # 1010

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S I G N A L I N G

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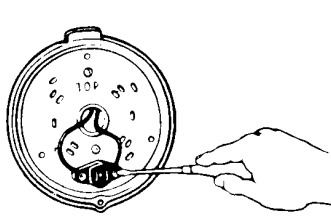
Edwards® Adaptabel® and AdaptaBuzzer™ Installation

Adaptabel (except 435) and AdaptaBuzzer Installation

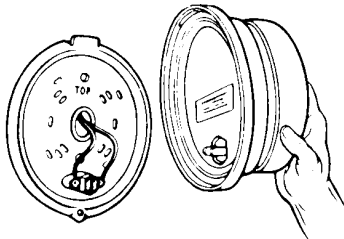
Universal Adaptaplate® mounts directly on surface or fits any single-gang box, 3 1/4" (83 mm), 3 1/2" (89

mm), or 4" (102 mm) octagon box, or any plaster cover with mounting holes on 2 3/4" (70 mm) centers. 6" and 10" bells also mount on 4" (102 mm) square boxes.

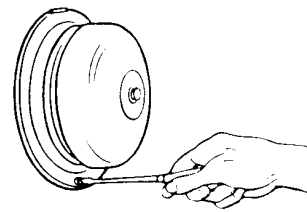
SIMPLE INSTALLATION FOR 332, 333 & 340 BELLS AND 340A & 343A BUZZERS



1. Pull wires through center hole and connect to binding post.



2. Slip Adaptabel or AdaptaBuzzer onto sturdy hanger and push home.

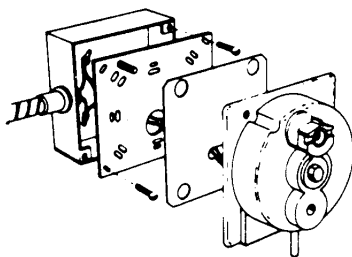


3. Tighten front screw to complete installation. (Two screws on 4 inch bells and 340A AdaptaBuzzer.)

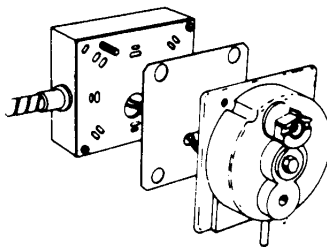
Catalog 435 Adaptabel Installation

Universal Adaptaplate® mounts directly on surface of any single, double or octagon box. Permits quick easy installation in three simple steps.

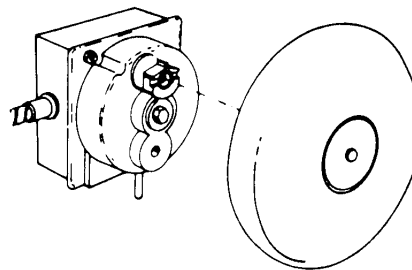
SIMPLE INSTALLATION FOR 435 BELLS



1. Remove gong by loosening screw on front. Pull wires through Adaptaplate and gasket. Connect wires inside box.



2. Attach bell body & gasket with nuts provided and reattach gong.



3. Mount Adaptabel with screws provided.

ADAPTABUZZER is a trademark of Edwards.