

Bells Vibrating 340 and 435 Series

Edwards 340 Series and 435 Series are vibrating bells that produce a long, continuous ringing sound. The striker continues to strike the gong in rapid-fire as long as current is applied. Specified for timing, scheduling, paging and general alarm applications.

Features and Specifications

- 4", 6" and 10" gong sizes in AC versions
- 4", 6", 8" and 10" gong sizes in DC versions
- Completely assembled with all hardware supplied
- Die cast housing
- Corrosion resistant heat flowed epoxy finish
- Mounts directly on surface or electrical box
- Optional flush mount grille and wall box available separately
- Self-compensating solenoid plunger
- FM approved (AC Bells only)



| Ordering Information | | Operating Voltage | Current | VA | Gong Size | dB at 1m/10ft. | DC Coil Res (Ohms) |
|----------------------|----------|-------------------|---------|-------------|-------------|----------------|--------------------|
| AC | 340-4E5 | 12V AC | 0.620 A | 7.4 | 4" (102mm) | 98/88 | 13 |
| | 340-6E5 | 12V AC | 0.700 A | 8.4 | 6" (152mm) | 102/92 | 8 |
| | 340-4FM | 16V AC | 0.460 A | 7.4 | 4" (102mm) | 98/88 | 22 |
| | 340-6FM | 16V AC | 0.500 A | 8.0 | 6" (152mm) | 102/92 | 13 |
| | 340-4G5 | 24V AC | 0.310 A | 7.4 | 4" (102mm) | 98/88 | 50 |
| | 340-6G5 | 24V AC | 0.350 A | 8.4 | 6" (152mm) | 102/92 | 30 |
| | 340-10G5 | 24V AC | 0.350 A | 8.4 | 10" (254mm) | 106/96 | 30 |
| | 340-4N5 | 120V AC | 0.062 A | 7.4 | 4" (102mm) | 98/88 | 1300 |
| | 340-6N5 | 120V AC | 0.070 A | 8.4 | 6" (152mm) | 102/92 | 700 |
| | 340-10N5 | 120V AC | 0.070 A | 8.4 | 10" (254mm) | 106/96 | 700 |
| | 340-4R5 | 240V AC | 0.031 A | 7.4 | 4" (102mm) | 98/88 | 5000 |
| | 340-6R5 | 240V AC | 0.350 A | 8.4 | 6" (152mm) | 102/92 | 2650 |
| 340-10R5 | 240V AC | 0.350 A | 8.4 | 10" (254mm) | 106/96 | 2650 | |
| DC | 435-4C1 | 6V DC | 0.250 A | 1.5 | 4" (102mm) | 100/90 | 11 |
| | 435-6C1 | 6V DC | 0.250 A | 1.5 | 6" (152mm) | 102/92 | 11 |
| | 435-8C1 | 6V DC | 0.250 A | 1.5 | 8" (203mm) | 103/93 | 11 |
| | 435-4E1 | 12V DC | 0.125 A | 1.5 | 4" (102mm) | 100/90 | 40 |
| | 435-6E1 | 12V DC | 0.125 A | 1.5 | 6" (152mm) | 102/92 | 40 |
| | 435-8E1 | 12V DC | 0.125 A | 1.5 | 8" (203mm) | 103/93 | 40 |
| | 435-10E1 | 12V DC | 0.125 A | 1.5 | 10" (254mm) | 104/94 | 40 |
| | 435-4G1 | 24V DC | 0.062 A | 1.5 | 4" (102mm) | 100/90 | 155 |
| | 435-6G1 | 24V DC | 0.062 A | 1.5 | 6" (152mm) | 102/92 | 155 |
| | 435-8G1 | 24V DC | 0.062 A | 1.5 | 8" (203mm) | 103/93 | 155 |
| | 435-10G1 | 24V DC | 0.062 A | 1.5 | 10" (254mm) | 104/94 | 155 |
| | 435-4J1 | 32V DC | 0.047 A | 1.5 | 4" (102mm) | 100/90 | 275 |
| | 435-6J1 | 32V DC | 0.047 A | 1.5 | 6" (152mm) | 102/92 | 275 |
| | 435-6K1 | 48V DC | 0.031 A | 1.5 | 6" (152mm) | 102/92 | 620 |
| | 435-4P1 | 125V DC | 0.012 A | 1.5 | 4" (102mm) | 100/90 | 3000 |
| | 435-6P1 | 125V DC | 0.012 A | 1.5 | 6" (152mm) | 102/92 | 3000 |
| | 435-8P1 | 125V DC | 0.012 A | 1.5 | 8" (203mm) | 103/93 | 3000 |
| | 435-10P1 | 125V DC | 0.012 A | 1.5 | 10" (254mm) | 104/94 | 3000 |
| 435-6S1 | 250V DC | 0.008 A | 2.0 | 6" (152mm) | 100/90 | 6100 | |
| 435-10S1 | 250V DC | 0.008 A | 2.0 | 10" (254mm) | 100/90 | 6100 | |



Bells

Vibrating

340 and 435 Series

Accessories

| Description | Cat. No. |
|---|--------------------|
| Outdoor Back Box for 4" AC Bells | 348 |
| Outdoor Back Box for 6" Bells or 10" AC Bells | 349 |
| Outdoor Back Box for DC Bells | 449 |
| Flush Mount Grille for 4" Bells | 511-A ¹ |
| Flush Mount Grille for 6" Bells | 512-A ² |
| Flush Mount Grille for 10" Bells | 513-A ³ |
| Wall Box for 4" Bells | 511-1 |
| Wall Box for 6" Bells | 512-1 |
| Wall Box for 10" Bells | 513-1 |

¹511-A must be used with 511-1.

²512-A must be used with 512-1.

³513-A must be used with 513-1.



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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 ⁴ | Max. Off State Leakage Current (A) | Continuous On Current (A) | Surge (Inrush/Duration) Amps/Milliseconds |
|----------|--------------------------------|------------------------------------|---------------------------|---|
| 340-4N5 | 120V AC | 0.025 | 0.062 | 0.095 / 4 |
| 340-6N5 | 120V AC | 0.025 | 0.070 | 0.15 / 4 |
| 340-10N5 | 120V AC | 0.025 | 0.070 | 0.15 / 4 |
| 435-4G1 | 24V DC | 0.005 | 0.062 | 1.06 / 0.0001 |
| 435-6G1 | 24V DC | 0.005 | 0.062 | 1.14 / 0.000125 |
| 435-10G1 | 24V DC | 0.005 | 0.062 | 1.14 / 0.000125 |

⁴AC voltage frequency is 60 Hz.

Weights and Dimensions

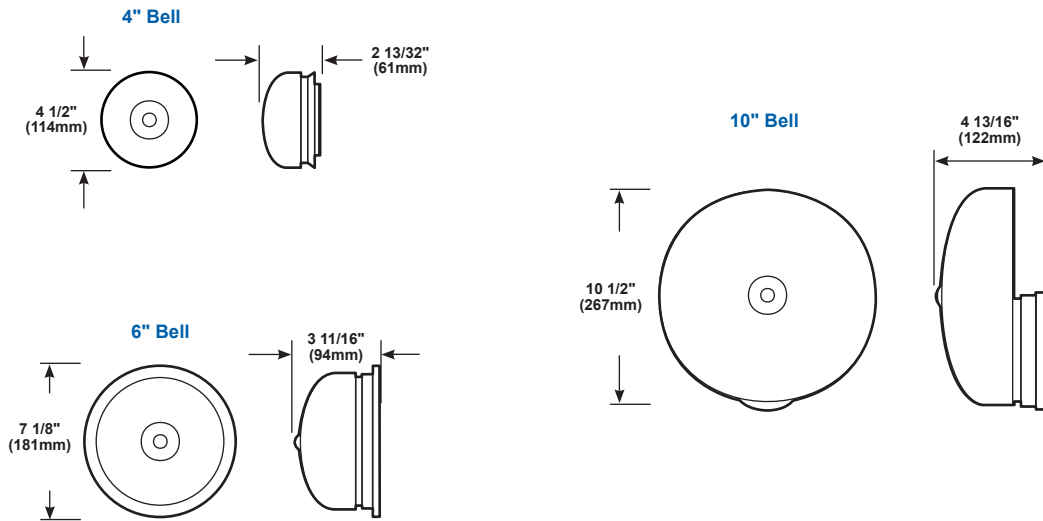
| Cat. No. ⁵ | Approx. Net Weight (lb.) | Approx. Shipping Weight (lb.) |
|-----------------------|--------------------------|-------------------------------|
| 340-4 | 1.64 | 1.80 |
| 340-6 | 4.20 | 4.40 |
| 340-10 | 6.45 | 6.98 |
| 435-4 | 2.40 | 2.60 |
| 435-6 | 3.00 | 3.20 |
| 435-8 | 4.80 | 5.00 |
| 435-10 | 6.20 | 6.40 |

⁵Catalog number represents gong size and voltage range category.

Bells Vibrating 340 and 435 Series

| Weights and Dimensions | | Continued | | | | | |
|------------------------|--------------------------|-------------------------------|-------------------|-------------------|--------------------|-------------------|----------------|
| Cat. No. ¹ | Approx. Net Weight (lb.) | Approx. Shipping Weight (lb.) | Dimensions | | | | |
| | | | Diameter | Depth | Width | Height | Length |
| 348 | 0.92 | 0.96 | 5 1/8" (130mm) | 1 5/8" (41mm) | — | — | — |
| 349 | 1.30 | 1.56 | 6 1/2" (165mm) | 1 5/8" (41mm) | — | — | — |
| 449 | 1.13 | 1.18 | — | 2" (51mm) | 4 9/16" (115mm) | 4 1/2" (114mm) | — |
| 511-A | 2.00 | 2.50 | — | — | — | 10" (254mm) | 10" (254mm) |
| 512-A | 2.00 | 2.50 | — | — | — | 12" (305mm) | 12" (305mm) |
| 513-A | 3.00 | 3.50 | — | — | — | 16" (406mm) | 16" (406mm) |
| 511-1 | 4.00 | 5.00 | — | 3 7/8" (98mm) | — | 8" (203mm) | 8" (203mm) |
| 512-1 | 5.00 | 6.00 | — | 4 1/4" (108mm) | — | 10" (254mm) | 10" (254mm) |
| 513-1 | 5.00 | 6.00 | — | 5" (127mm) | — | 14" (357mm) | 14" (357mm) |

¹Catalog number represents gong size and voltage range category.

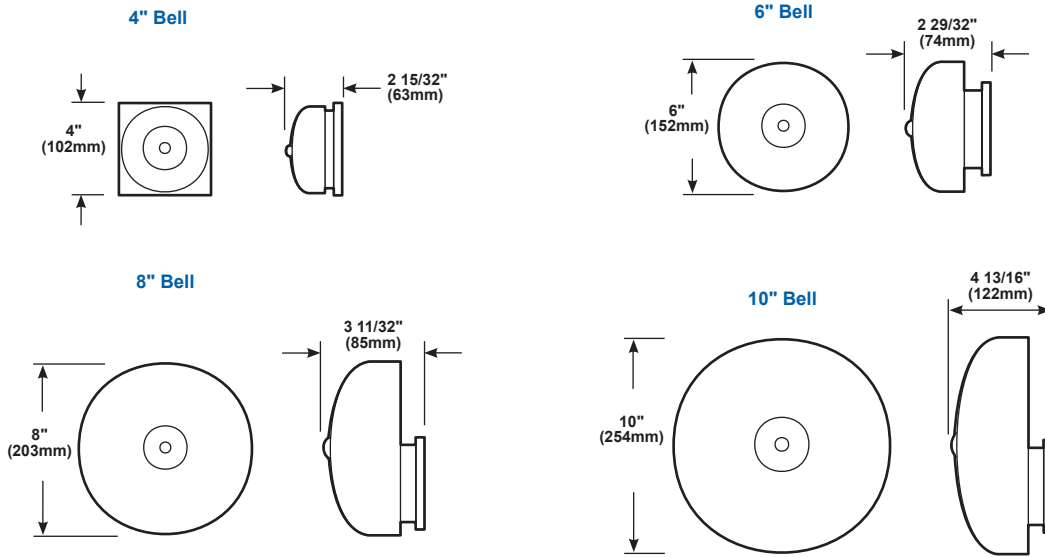


340 Series

NOTE: Mounts directly on surface or fits any single-gang box, 3 1/4" (83mm), 3 1/2" (89mm), or 4" (102mm) octagon box, or any plaster cover with mounting holes on 2 3/4" (70mm) centers. 6" and 10" bells also mount on 4" (102mm) square boxes.

Bells Vibrating 340 and 435 Series

435 Series



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Bells Vibrating 340 and 435 Series

Edwards 340 Series and 435 Series are vibrating bells that produce a long, continuous ringing sound. The striker continues to strike the gong in rapid-fire as long as current is applied. Specified for timing, scheduling, paging and general alarm applications.

Features and Specifications

- 4", 6" and 10" gong sizes in AC versions
- 4", 6", 8" and 10" gong sizes in DC versions
- Completely assembled with all hardware supplied
- Die cast housing
- Corrosion resistant heat flowed epoxy finish
- Mounts directly on surface or electrical box
- Optional flush mount grille and wall box available separately
- Self-compensating solenoid plunger
- FM approved (AC Bells only)



| Ordering Information | | Operating Voltage | Current | VA | Gong Size | dB at 1m/10ft. | DC Coil Res (Ohms) |
|----------------------|----------|-------------------|---------|-------------|-------------|----------------|--------------------|
| AC | 340-4E5 | 12V AC | 0.620 A | 7.4 | 4" (102mm) | 98/88 | 13 |
| | 340-6E5 | 12V AC | 0.700 A | 8.4 | 6" (152mm) | 102/92 | 8 |
| | 340-4FM | 16V AC | 0.460 A | 7.4 | 4" (102mm) | 98/88 | 22 |
| | 340-6FM | 16V AC | 0.500 A | 8.0 | 6" (152mm) | 102/92 | 13 |
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| | 340-6G5 | 24V AC | 0.350 A | 8.4 | 6" (152mm) | 102/92 | 30 |
| | 340-10G5 | 24V AC | 0.350 A | 8.4 | 10" (254mm) | 106/96 | 30 |
| | 340-4N5 | 120V AC | 0.062 A | 7.4 | 4" (102mm) | 98/88 | 1300 |
| | 340-6N5 | 120V AC | 0.070 A | 8.4 | 6" (152mm) | 102/92 | 700 |
| | 340-10N5 | 120V AC | 0.070 A | 8.4 | 10" (254mm) | 106/96 | 700 |
| | 340-4R5 | 240V AC | 0.031 A | 7.4 | 4" (102mm) | 98/88 | 5000 |
| | 340-6R5 | 240V AC | 0.350 A | 8.4 | 6" (152mm) | 102/92 | 2650 |
| 340-10R5 | 240V AC | 0.350 A | 8.4 | 10" (254mm) | 106/96 | 2650 | |
| DC | 435-4C1 | 6V DC | 0.250 A | 1.5 | 4" (102mm) | 100/90 | 11 |
| | 435-6C1 | 6V DC | 0.250 A | 1.5 | 6" (152mm) | 102/92 | 11 |
| | 435-8C1 | 6V DC | 0.250 A | 1.5 | 8" (203mm) | 103/93 | 11 |
| | 435-4E1 | 12V DC | 0.125 A | 1.5 | 4" (102mm) | 100/90 | 40 |
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| | 435-6K1 | 48V DC | 0.031 A | 1.5 | 6" (152mm) | 102/92 | 620 |
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| | 435-10P1 | 125V DC | 0.012 A | 1.5 | 10" (254mm) | 104/94 | 3000 |
| 435-6S1 | 250V DC | 0.008 A | 2.0 | 6" (152mm) | 100/90 | 6100 | |
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| Flush Mount Grille for 4" Bells | 511-A ¹ |
| Flush Mount Grille for 6" Bells | 512-A ² |
| Flush Mount Grille for 10" Bells | 513-A ³ |
| Wall Box for 4" Bells | 511-1 |
| Wall Box for 6" Bells | 512-1 |
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348



449

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Weights and Dimensions

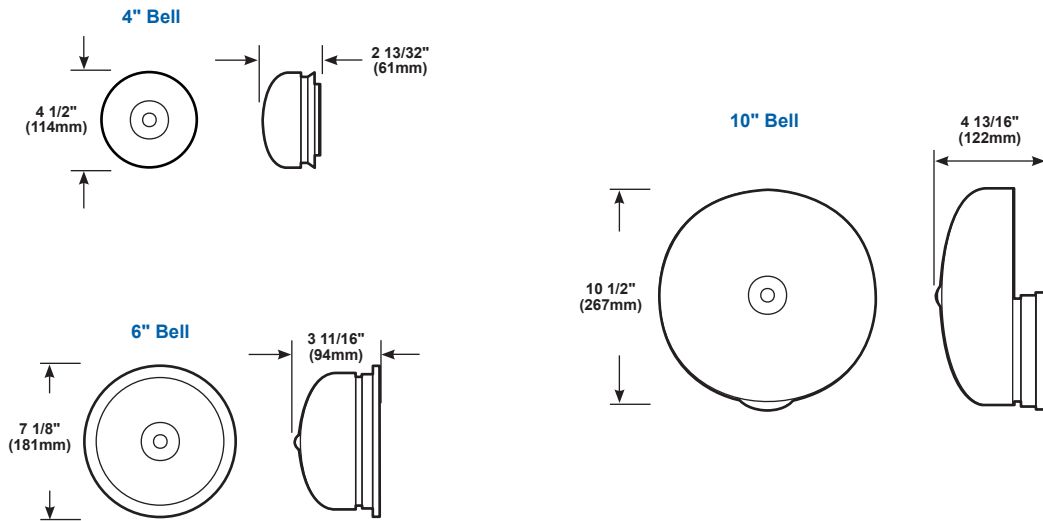
| Cat. No. ⁵ | Approx. Net Weight (lb.) | Approx. Shipping Weight (lb.) |
|-----------------------|--------------------------|-------------------------------|
| 340-4 | 1.64 | 1.80 |
| 340-6 | 4.20 | 4.40 |
| 340-10 | 6.45 | 6.98 |
| 435-4 | 2.40 | 2.60 |
| 435-6 | 3.00 | 3.20 |
| 435-8 | 4.80 | 5.00 |
| 435-10 | 6.20 | 6.40 |

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Bells Vibrating 340 and 435 Series

| Weights and Dimensions | | Continued | | | | | |
|------------------------|--------------------------|-------------------------------|-------------------|-------------------|--------------------|-------------------|----------------|
| Cat. No. ¹ | Approx. Net Weight (lb.) | Approx. Shipping Weight (lb.) | Dimensions | | | | |
| | | | Diameter | Depth | Width | Height | Length |
| 348 | 0.92 | 0.96 | 5 1/8" (130mm) | 1 5/8" (41mm) | — | — | — |
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| 449 | 1.13 | 1.18 | — | 2" (51mm) | 4 9/16" (115mm) | 4 1/2" (114mm) | — |
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| 512-A | 2.00 | 2.50 | — | — | — | 12" (305mm) | 12" (305mm) |
| 513-A | 3.00 | 3.50 | — | — | — | 16" (406mm) | 16" (406mm) |
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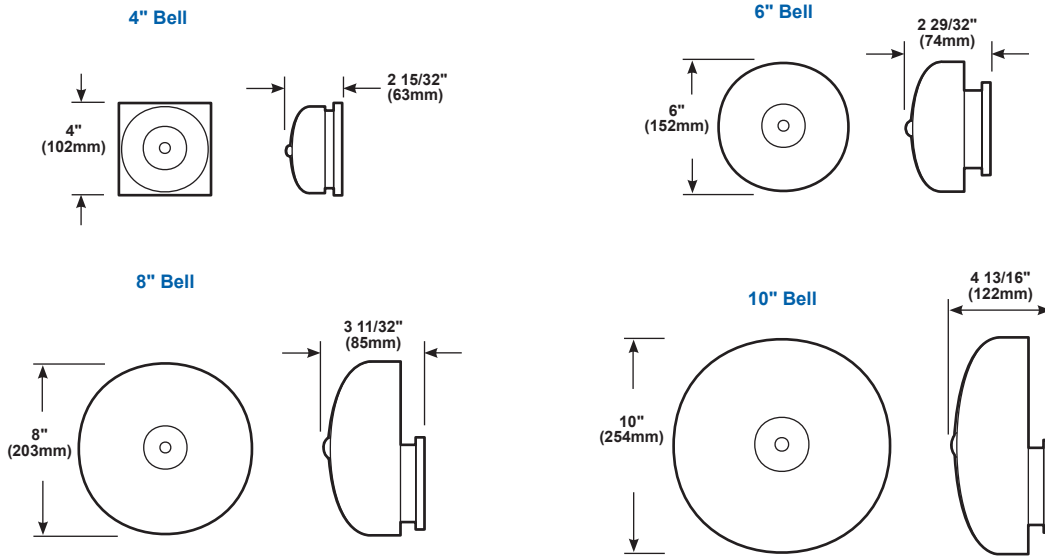


340 Series

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