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

Description	Cat. No.	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



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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**

[1]511-A must be used with 511-1.
[2]512-A must be used with 512-1.
[3]513-A must be used with 513-1.



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449

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

[4]AC 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

[5]Catalog number represents gong size and voltage range category.

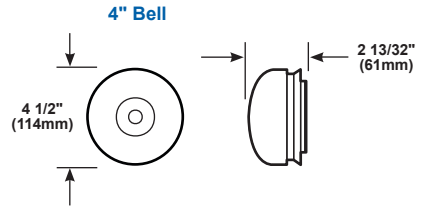
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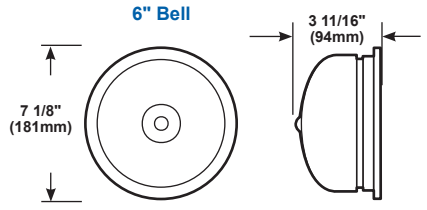
Weights and Dimensions Continued

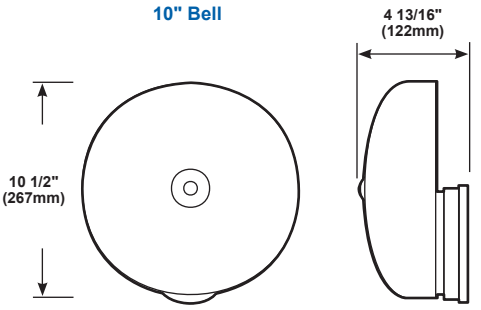
Cat. No.[1]	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)	Dimensions				
			Diameter	Depth	Width	Height	Length
348	0.92	0.96	5 1/8" (130mm)	1 5/8" (41mm)	—	—	—
349	1.30	1.56	6 1/2" (165mm)	1 5/8" (41mm)	—	—	—
449	1.13	1.18	—	2" (51mm)	4 9/16" (115mm)	4 1/2" (114mm)	—
511-A	2.00	2.50	—	—	—	10" (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)

[1]Catalog number represents gong size and voltage range category.

340 Series





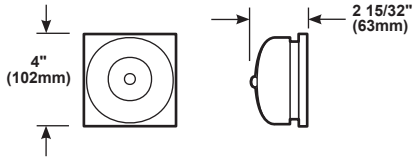


NOTE: Mounts directly on surface or fits any single-gang box, 3 1/4" (83mm), 3 1/2" (89mm), or 4" (102mm) octagon box, or any plaster cover with mounting holes on 2 3/4" (70mm) centers. 6" and 10" bells also mount on 4" (102mm) square boxes.

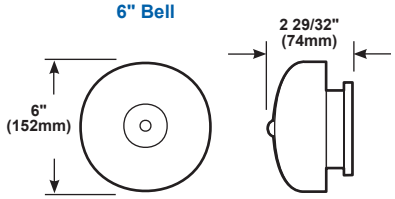
Bells
Vibrating
340 and 435 Series

435 Series

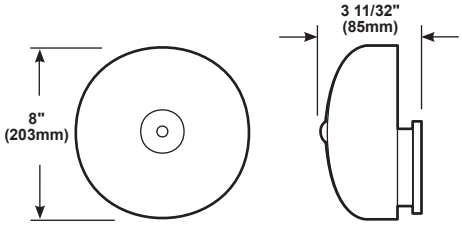
4" Bell



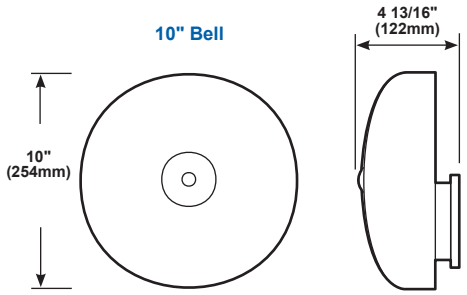
6" Bell



8" Bell



10" Bell



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



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

Description	Cat. No.	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



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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**

[1]511-A must be used with 511-1.
[2]512-A must be used with 512-1.
[3]513-A must be used with 513-1.



348


449

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

[4]AC 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

[5]Catalog number represents gong size and voltage range category.

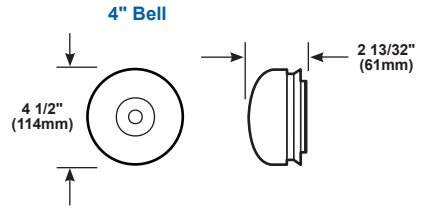
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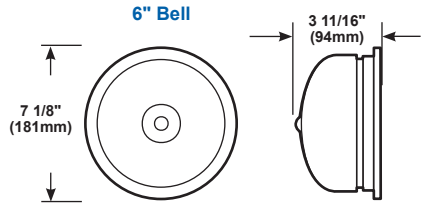
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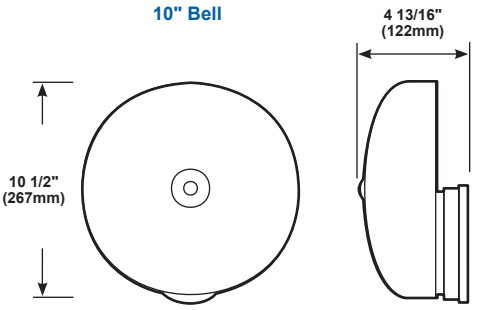
Cat. No.[1]	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)	Dimensions				
			Diameter	Depth	Width	Height	Length
348	0.92	0.96	5 1/8" (130mm)	1 5/8" (41mm)	—	—	—
349	1.30	1.56	6 1/2" (165mm)	1 5/8" (41mm)	—	—	—
449	1.13	1.18	—	2" (51mm)	4 9/16" (115mm)	4 1/2" (114mm)	—
511-A	2.00	2.50	—	—	—	10" (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)

[1]Catalog number represents gong size and voltage range category.

340 Series





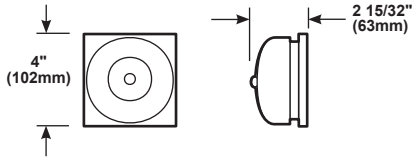


NOTE: Mounts directly on surface or fits any single-gang box, 3 1/4" (83mm), 3 1/2" (89mm), or 4" (102mm) octagon box, or any plaster cover with mounting holes on 2 3/4" (70mm) centers. 6" and 10" bells also mount on 4" (102mm) square boxes.

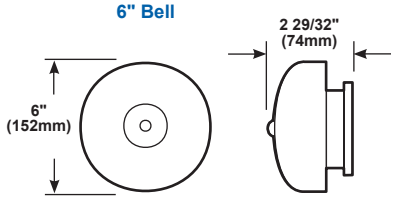
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435 Series

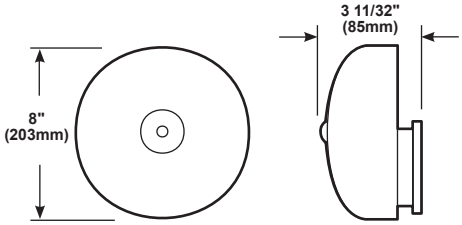
4" Bell



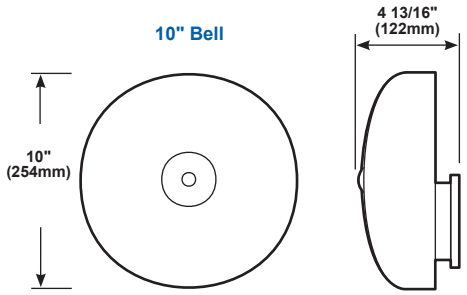
6" Bell



8" Bell



10" Bell



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.