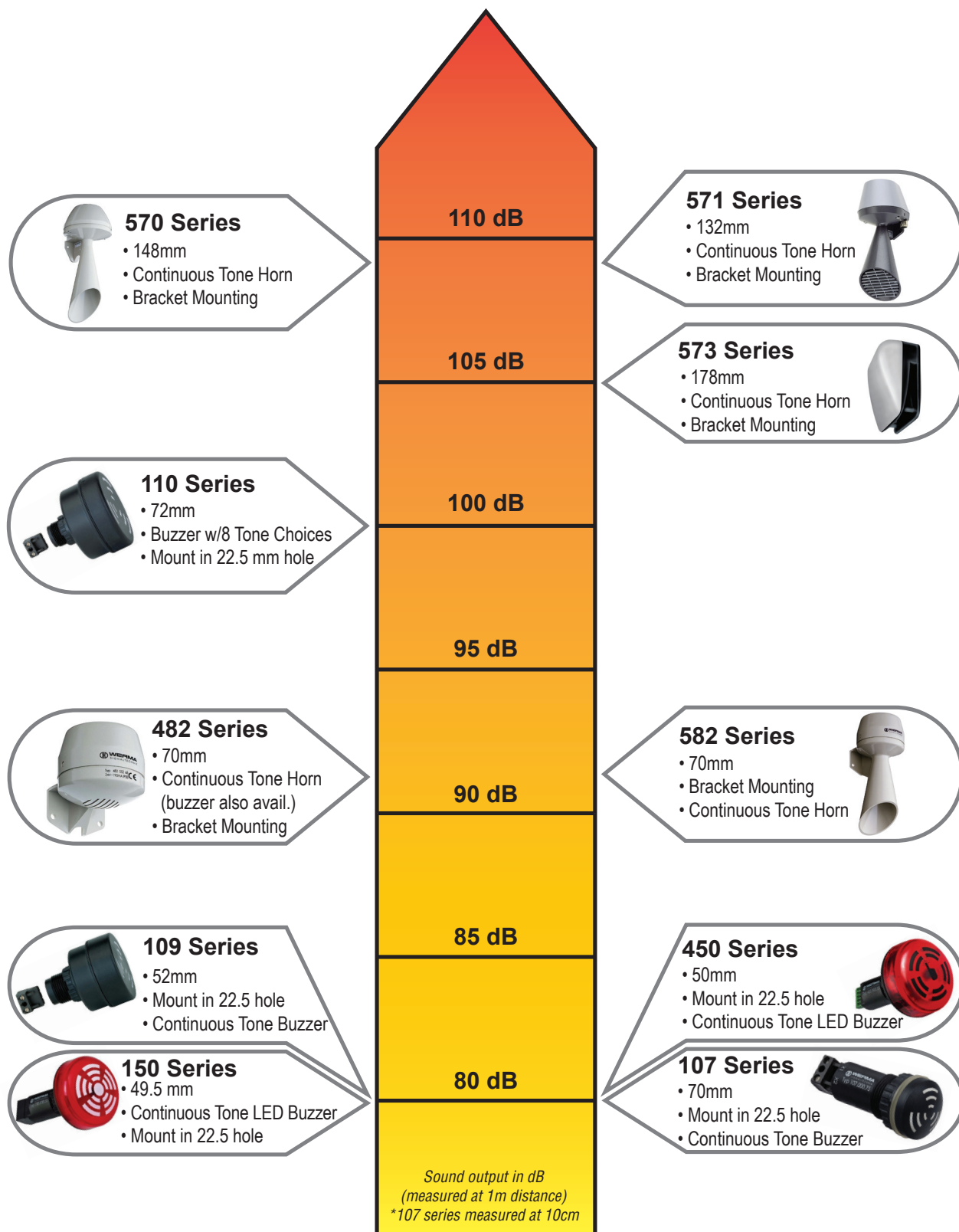


Audible Signal Devices



Product Family Overview



Audible Signal Devices

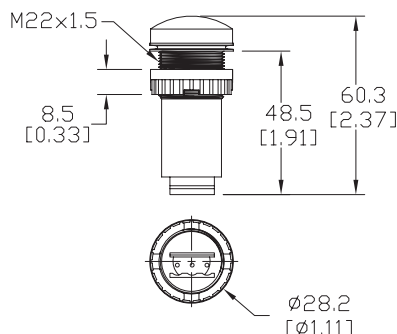
22.5 mm Panel-mount Electrical Buzzers

- Mount in 22.5 mm hole
- Fourteen models available
- Continuous and pulse-tone models
- 80 to 100 decibels
- Buzzer without sound output holes
- Low current consumption
- High IP 65 protection rating



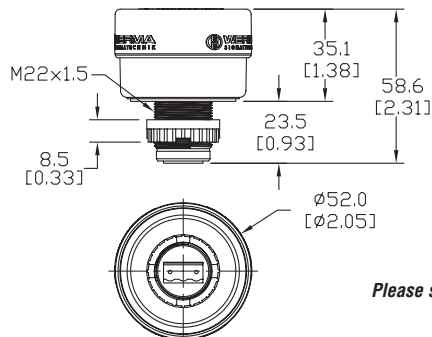
DIMENSIONS mm [in]

107 Series



DIMENSIONS mm [in]

109 Series



107 Series Buzzer Specifications				
Part Number	10700075	10700077	10701075	10701077
Price				
Description	Buzzer			
Voltage	24V AC/DC	115V AC/DC	24V AC/DC	115V AC/DC
Current Consumption	≤ 8mA			
Tone Frequency	2.4 kHz			
Maximum Volume	80dB @ 10cm			
Tone Type	Continuous		Pulse, approx.1Hz	
Life Duration	> 5000h			
Operating Temperature	-4°F to 122°F [-20°C to 50°C]			
Protection	IP65			
Weight	30g [1.06 oz]			
Housing Material	Polyamide-Fiberglass			
Connection	Connector with max. wire 1.5 mm² (16AWG), 0.3 N torque			
Agency Approvals	cULus file E164155, CE, RoHS			

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at www.AutomationDirect.com

109 Series Buzzer Specifications				
Part Number	10900075	10900077	10901075	10901077
Price				
Description	Buzzer			
Voltage	24V AC/DC	115V AC/DC	24V AC/DC	115V AC/DC
Current Consumption	≤ 25mA			
Tone Frequency	2.1 kHz			
Maximum Volume	80dB @ 1m			
Tone Type	Continuous		Pulse, approx. 1Hz	
Life Duration	> 5000h			
Operating Temperature	-4°F to 122°F [-20°C to 50°C]			
Protection	IP65			
Weight	44g [1.55 oz]	47g [1.66 oz]	44g [1.55 oz]	47g [1.66 oz]
Housing Material	Polycarbonate (PC)/ABS, (black)			
Connection	Connector with max. wire 1.5 mm² (16AWG), 0.3 N torque			
Agency Approvals	cULus file E164155, CE, RoHS			

Please see our website www.AutomationDirect.com for complete engineering drawings.

Audible Signal Devices

22.5 mm Panel-mount Electrical Buzzers

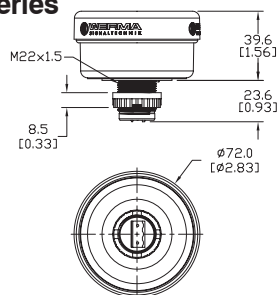


Buzzer without sound output holes

- Mount in 22.5 mm hole
- 8 selectable tones
- Adjustable volume, 100 decibels maximum at one meter

DIMENSIONS mm [inches]

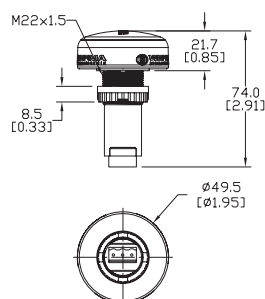
110 Series



- Mount in 22.5 mm hole
- LED permanent light indicator
- Continuous tone
- Simple con with connector plug
- 80 decibels volume at one meter

DIMENSIONS mm [inches]

150 Series



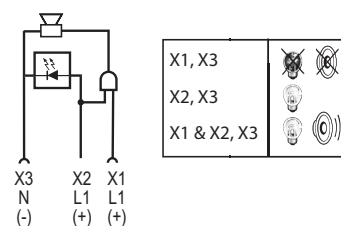
110 Series Buzzer Specifications		
Part Number	11000067	11000075
Price		
Description	Buzzer Element with selectable tones	
Voltage	115VAC	24V AC/DC
Current Consumption	≤ 40mA	≤ 80mA
Tone Frequency	1.6 and 3.4 kHz	
Maximum Volume	100dB @ 1m	
Tone Type	Multi-tonal, 8 selectable tones	
Life Duration	> 5000h	
Operating Temperature	-4°F to 122°F [-20°C to 50°C]	
Protection	IP65	
Weight	79g [2.79 oz]	64g [2.26 oz]
Housing Material	Polycarbonate (PC)/ABS	
Connection	Connector with max. wire 1.5 mm ² (16AWG), 0.3 N torque	
Agency Approvals	cULus file E164155, CE, RoHS	

Note: Refer to insert for available tones.

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at www.AutomationDirect.com

150 Series Buzzer with LED Indicator Specifications				
Part Number	15010055	15010067	15030055	15030067
Price				
Description	Buzzer element with LED indicator			
LED Indicator	Red		Yellow	
Voltage	24VDC	115VAC	24VDC	115VAC
Current Consumption	≤ 50mA	≤ 20mA	≤ 50mA	≤ 20mA
Tone Frequency	2.8 kHz			
Maximum Volume	80dB @ 1m			
Tone Type	Continuous			
Life Duration	Up to 50,000h			
Operating Temperature	-4°F to 122°F [-20°C to 50°C]			
Protection	IP65			
Weight	30g [1.06 oz]	30g [1.06 oz]	30g [1.06 oz]	30g [1.06 oz]
Housing Material	Cap: Polycarbonate. Base: Polycarbonate (PC)/ABS - black			
Connection	Connector with max. wire 1.5 mm ² (16AWG), 0.3 N torque			
Agency Approvals	cULus file E164155, CE, RoHS			

Wiring Diagram



Note: Buzzer will not sound without light energized.

Please see our website www.AutomationDirect.com for complete engineering drawings.

Audible Signal Devices



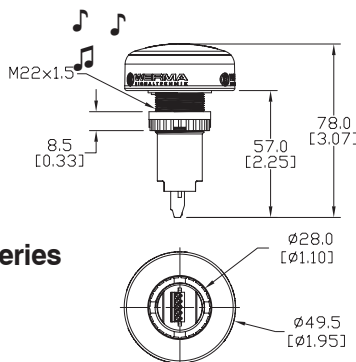
22.5 mm Panel-mount Electrical Buzzers with Acknowledgment Function



Buzzer without sound output holes

- Mount in 22.5 mm hole
- LED permanent light with continuous tone
- 80 decibels volume at one meter
- Lightly press to silence the audible signal
- Potential-free output for transmission of the acknowledgment signal to the control unit
- Positive and negative logic

DIMENSIONS mm [inches]

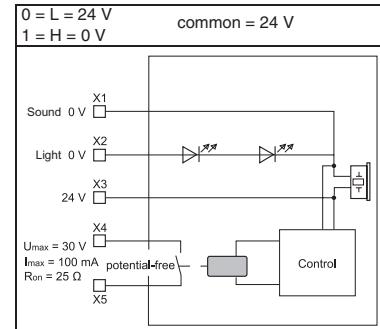
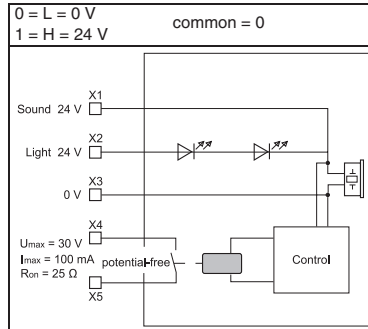


450 Series

450 Series Buzzer Specifications		
Part Number	45010055	45030055
Price		
Description	Buzzer element with acknowledgment function	
LED Indicator Color	Red	Yellow
Voltage	24V /DC	
Current Consumption	≤ 0mA	
Tone Frequency	3kHz	
Maximum Volume	80dB @ 1m	
Max. Output (acknowledgment)	Solid State 30V, 100mA	
Tone Type	Continuous	
Life Duration	> 50,000h	
Operating Temperature	-4°F to 122°F [-20°C to 50°C]	
Protection	IP65	
Weight	40g [1.41 oz]	
Housing Material	Cap: Polycarbonate. Body: Black Polycarbonate	
Connection	Connector plug with screwable connection max. 0.5 mm ² (20AWG)	
Agency Approvals	cULus file E164155, CE, RoHS	

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at www.AutomationDirect.com

Wiring

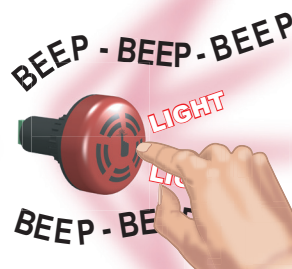


1



An initial alarm is indicated by both an illuminated and audible signal.

2



The audible signal can be silenced quickly by lightly pressing on the front of the indicator.

3



An acknowledge signal is then transmitted via an electronic switch, and the alarm is now only indicated by the illuminated visual signal.

Audible Signal Devices

Bracket-mount Signal Horns/Buzzer



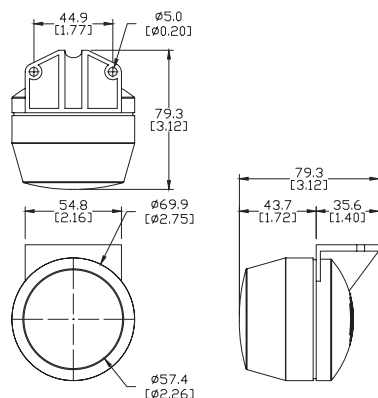
Features

- Bracket mounting
- Continuous tone
- 70mm diameter



DIMENSIONS mm [in]

482 Series

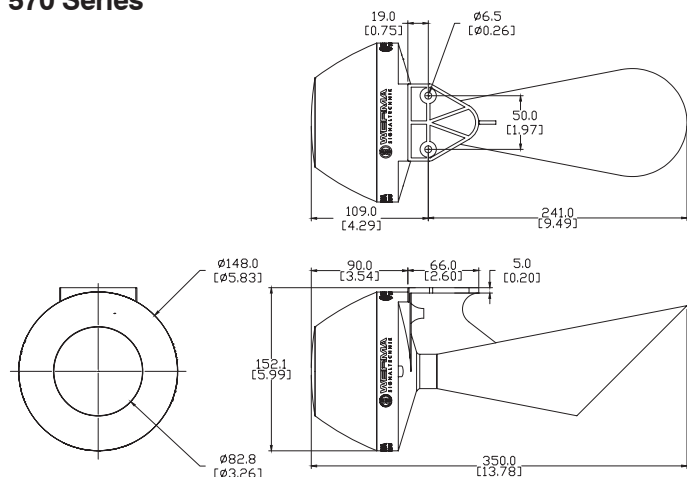


Features

- Bracket mounting
- Continuous tone
- 148mm diameter

DIMENSIONS mm [in]

570 Series



482 Series Signal Horns and Buzzer Specifications

Part Number	48205255	48205267	48234715
Price			
Description	Signal Horn		Buzzer
Voltage	24VDC	115VAC	24VDC
Current Consumption	70mA	15mA	70mA
Tone Frequency	500Hz	100Hz	500Hz
Maximum Volume	92dB @ 1m		83dB @ 1m
Tone Type	Continuous		
Life Duration	> 300h		
Operating Temperature	-20°C to 60°C [-4° to 140°F]		
Protection	IP33		
Weight	160g [5.64 oz]		
Housing Material	High impact ABS		
Connection	Connector with max. wire 1.5 mm ² , 18-16 AWG		
Agency Approvals	CE, RoHS		

570 Series Signal Horns Specifications

Part Number	57005255	57005267
Price		
Description	Signal Horn	
Voltage	24VDC	115VAC
Current Consumption	350mA	200mA
Tone Frequency	150Hz	100Hz (supply frequency)
Maximum Volume	108dB @ 1m	
Tone Type	Continuous	
Life Duration	> 250h	
Operating Temperature	-20°C to 60°C [-4° to 140°F]	
Protection	IP55	
Weight	880g [31.04 oz]	860g [30.34 oz]
Housing Material	ABS/PC	
Connection	Screwable con max. 2.5 mm ² single wire, 18-14 AWG	
Agency Approvals	CE, RoHS	

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at www.AutomationDirect.com

Please see our website www.AutomationDirect.com for complete engineering drawings.

Audible Signal Devices

Bracket-mount Signal Horns



Features

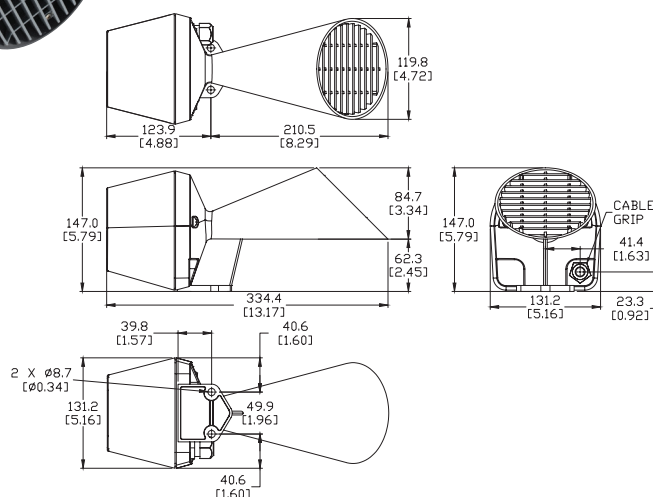
- Corrosion-resistant aluminum housing, salt water proof
 - Bracket mounting
- Continuous tone
- 132mm diameter

571 Series Signal Horns Specifications		
Part Number	57105255	57105267
Price		
Description	Signal Horn	
Voltage	24VDC	115VAC
Current Consumption	350mA	200mA
Tone Frequency	150Hz	100Hz (supply frequency)
Maximum Volume	108dB @ 1m	
Tone Type	Continuous	
Life Duration	> 250h	
Operating Temperature	-20°C to 60°C [-4° to 140°F]	
Protection	IP55	
Weight	880g [31.04 oz]	860g [30.34 oz]
Housing Material	Aluminum	
Connection	Screwable con max. 2.5 mm² single wire, 18-14 AWG	
Agency Approvals	CE, RoHS	



DIMENSIONS mm [in]

571 Series



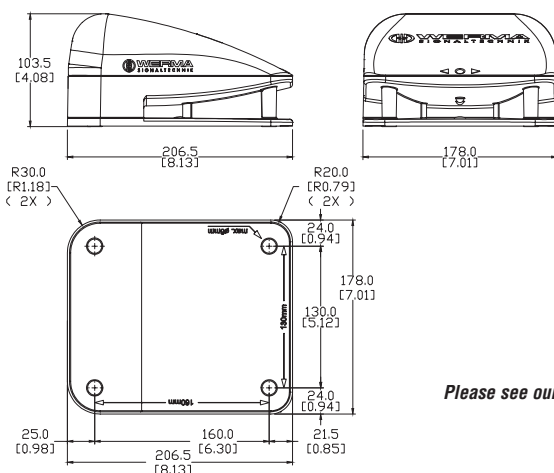
Features

- Modern electro-mechanical design
 - Bracket mounting
- Continuous tone
- 178mm diameter



DIMENSIONS mm [in]

573 Series



573 Series Signal Horns Specifications		
Part Number	57300055	57300067
Price		
Description	Signal Horn	
Voltage	24VDC	115VAC
Current Consumption	350mA	200mA
Tone Frequency	150Hz	100Hz (supply frequency)
Maximum Volume	105dB @ 1m	
Tone Type	Continuous	
Life Duration	> 250h	
Operating Temperature	-30°C to 50°C [-22° to 122°F]	
Protection	IP65	
Weight	1200g [42.33 oz]	1150g [40.57 oz]
Housing Material	Polycarbonate/ABS-blend	
Connection	Screwable con max. 2.5 mm² single wire, 18-14 AWG	
Agency Approvals	CE, RoHS	

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at www.AutomationDirect.com

Please see our website www.AutomationDirect.com for complete engineering drawings.

Bracket-mount Signal Horns



- Small electro-mechanical horn with trumpet
- Bracket mounting
- Continuous tone
- 70mm diameter



582 Series

Technical drawing of the SMD-7000 sensor, showing two views with dimensions in millimeters (mm) and inches (in).

Top View Dimensions:

- Total width: 66.3 mm [2.61]
- Distance from centerline to mounting hole center: 22.0 mm [0.87]
- Mounting hole diameter: Ø5.0 mm [Ø0.20] Thru
- Distance between mounting holes: 45.0 mm [1.77]
- Distance from mounting hole center to sensor face: 106.0 mm [4.17]

Side View Dimensions:

- Total height: 77.1 mm [3.04]
- Distance from base to mounting flange top: 44.3 mm [1.74]
- Flange thickness: 3.5 mm [0.14]
- Distance from mounting flange top to sensor face: 35.5 mm [1.40]
- Sensor face diameter: Ø70.2 mm [Ø2.76]
- Base diameter: Ø55.2 mm [Ø2.17]
- Base-to-face distance: 172.3 mm [6.78]

**Please see our website www.AutomationDirect.com
for complete engineering drawings.**