

# WERMA Audible Signal Devices

## 22.5 mm Panel-mount Electrical Buzzers

#### **Features**

- Mount in 22.5 mm hole
- Eighteen models available
- Continuous and pulse-tone models
- 80 to 100 decibels
- Buzzer without sound output holes
- Low current consumption
- IP65 protection rating





107 Series Buzzer Specifications								
Part Number	<u>10700060</u>	<u>10700070</u>	<u>10700075</u>	<u>10700077</u>	<u>10701060</u>	<u>10701070</u>	<u>10701075</u>	<u>10701077</u>
Price	\$38.50	\$33.50	Retired	\$36.50	\$38.50	\$33.50	\$32.00	\$36.50
Drawing Link	<u>PDF</u>	<u>PDF</u>	PDF	<u>PDF</u>	PDF	<u>PDF</u>	<u>PDF</u>	PDF
Description	Buzzer							
Voltage	115–230 VAC	12/24 VAC/VDC	24 VAC/VDC	115 VAC/VDC	115-230 VAC	12/24 VAC/VDC	24 VAC/VDC	115 VAC/VDC
Current Consumption	12mA	8mA	≤8mA		12mA	8mA	8mA ≤ 8mA	
Tone Frequency	2.4 kHz							
Maximum Volume	80dB @ 10cm							
Tone Type	Continuous			Pulse		Pulse, approx.1Hz		
Life Duration	> 5000h							
Operating Temperature	-4 to 122°F [-20 to 50°C]							
Protection	IP65							
Weight	20g [0	.70 oz] 30g [1.06 oz]		20g [0.70 oz]		30g [1.06 oz]		
Housing Material	Glass fiber reinforced polyamide							
Connection	Connector with max wire 1.5 mm² (16 AWG), 0.3 N torque							
Agency Approvals	cULus File E164155, CE							

109 Series Buzzer Specifications						
Part Number	10900075	10900077	<u>10901075</u>	<u>10901077</u>		
Price	\$69.00	\$78.00	\$69.00	\$78.00		
Drawing Link	PDF	PDF	PDF	PDF		
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			prox. 1Hz		
Life Duration	> 5000h					
Operating Temperature	-4 to 122°F [-20 to 50°C]					
Protection	IP65					
Weight	44g [1.55 oz]	47g [1.66 oz]	44g [1.55 oz]	47g [1.66 oz]		
Housing Material	ABS/(PC) Polycarbonate (black)					
Connection	Connector with max wire 1.5 mm² (16 AWG), 0.3 N torque					
Agency Approvals	cULus File E164155, CE					





# WERMA Audible Signal Devices SIGNALTECHNIK

#### 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





110 Series Buzzer Specifications					
Part Number	<u>11000067</u>	<u>11000075</u>			
Price	\$116.00	\$105.00			
Drawing Link	<u>PDF</u>	<u>PDF</u>			
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 to 122°F [-20 to 50°C]				
Protection	IP65				
Weight	79g [2.79 oz]	64g [2.26 oz]			
Housing Material	ABS/(PC) Polycarbonate (black)				
Connection	Connector with max wire 1.5 mm2 (16 AWG), 0.3 N torque				
Agency Approvals	cULus File E164155, CE				

Note: Refer to insert for available tones.

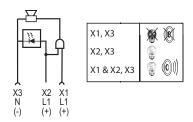
#### **Buzzer with LED Indicator**

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



150 Series Buzzer with LED Indicator Specifications					
Part Number	<u>15010055</u>	<u>15010067</u>	<u>15030055</u>	<u>15030067</u>	
Price	\$82.00	\$89.00	\$82.00	\$89.00	
Drawing Link	<u>PDF</u>	<u>PDF</u>	<u>PDF</u>	<u>PDF</u>	
Description	Buzzer element with LED indicator				
LED Indicator	Re	d	Yellow		
Voltage	24VDC	115VAC	24VDC	115VAC	
<b>Current Consumption</b>	≤ 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 to 122°F [-20 to 50°C]				
Protection	IP65				
Weight	30g [1.06 oz]				
Housing Material	Cap: Polycarbonate. Base: ABS/(PC) Polycarbonate (black)				
Connection	Connector with max wire 1.5 mm² (16 AWG), 0.3 N torque				
Agency Approvals	cULus File E164155, CE				

## Wiring Diagram



Note: Buzzer will not sound without light energized.