

PATLITE® Signal Devices

Multi-Function Industrial Signal Beacon Monocolor SF Series

Overview

SF series monocolor beacons are offered in four different LED colors (Blue, Green, Red, and Amber). The reflector is designed to distribute light for clear, unambiguous indication.

Features

- Choose from 4 LED color options (Blue, Green, Red, and Amber)
- The newly developed Fresnel lens distributes ambient, uniform light from all surfaces of the globe, including the top
- High protection rating for operation in harsh environments
- Gasket optional
- IP23 (IP65 with optional gasket)
- IP66 (M1KT/M2KT versions)
- 22 light patterns (shown below)



SF08-M1JN-B



Multi-Function Industrial Signal Beacon Monocolor SF Series Selection Chart											
Part Number	Price	LED Color	Type	Size	Light Function	Sound Level	Voltage	Drawing Link	Connection		
SF08-M1JN-B	\$06hsa:	Blue	Industrial signal beacon	80mm	22 selectable flashing and rotating patterns	N/A	12-24 VDC	PDF	pigtail		
SF08-M1JN-G	\$06hsb:	Green						PDF			
SF08-M1JN-R	\$06hsc:	Red						PDF			
SF08-M1JN-Y	\$06hsd:	Amber						PDF			
SF08-M1KTN-B	\$-06hsi:	Blue						PDF	push-in terminal		
SF08-M1KTN-G	\$-06hsj:	Green						PDF			
SF08-M1KTN-R	\$06hsk:	Red						PDF			
SF08-M1KTN-Y	\$-06hsl:	Amber						PDF			
SF08-M2KTN-B	\$06hss:	Blue		100mm			100-240 VAC	PDF			
SF08-M2KTN-G	\$;06hst:	Green						PDF			
SF08-M2KTN-R	\$06hsu:	Red						PDF			
SF08-M2KTN-Y	\$06hsv:	Amber						PDF			
SF10-M1JN-B	\$06hsx:	Blue					12-24 VDC	PDF	pigtail		
SF10-M1JN-G	\$06hsy:	Green						PDF			
SF10-M1JN-R	\$06hsz:	Red						PDF			
SF10-M1JN-Y	\$;06hsj:	Amber						PDF			
SF10-M1KTN-B	\$06hs?:	Blue						PDF	push-in terminal		
SF10-M1KTN-G	\$;06hs,:	Green						PDF			
SF10-M1KTN-R	\$;06ht0:	Red						PDF			
SF10-M1KTN-Y	\$;06ht1:	Amber						PDF			
SF10-M2JN-B	\$;06ht2:	Blue					100-240 VAC	PDF	pigtail		
SF10-M2JN-G	\$;06ht3:	Green						PDF			
SF10-M2JN-R	\$;06ht4:	Red						PDF			
SF10-M2JN-Y	\$;06ht5:	Amber						PDF			
SF10-M2KTN-B	\$;06hta:	Blue						PDF	push-in terminal		
SF10-M2KTN-G	\$;06htb:	Green						PDF			
SF10-M2KTN-R	\$;06htc:	Red						PDF			
SF10-M2KTN-Y	\$;06htd:	Amber						PDF			

PATLITE® Signal Devices

Multi-Function Industrial Signal Beacon Monocolor SF Series

Specifications

Multi-Function Industrial Signal Beacon Monocolor SF Series Technical Specifications																													
Part Number		SF08-M1JN-B	SF08-M1JN-G	SF08-M1JN-R	SF08-M1JN-Y	SF08-M1KTN-B	SF08-M1KTN-G	SF08-M1KTN-R	SF08-M1KTN-Y	SF08-M2KTN-B	SF08-M2KTN-G	SF08-M2KTN-R	SF08-M2KTN-Y	SF10-M1JN-B	SF10-M1JN-G	SF10-M1JN-R	SF10-M1JN-Y	SF10-M1KTN-B	SF10-M1KTN-G	SF10-M1KTN-R	SF10-M1KTN-Y	SF10-M2JN-B	SF10-M2JN-G	SF10-M2JN-R	SF10-M2JN-Y	SF10-M2KTN-B	SF10-M2KTN-G	SF10-M2KTN-R	SF10-M2KTN-Y
		10-30V DC				90-250V AC				10-30V DC				90-250V AC															
Operating Voltage Range		12VDC: 0.62A 24VDC: 0.32A				100VAC: 0.19A 240VAC: 0.08A				12VDC: 0.62A 24VDC: 0.32A				100VAC: 0.19A 240VAC: 0.08A															
Rated Current Consumption		12VDC: 7.4W 24VDC: 7.7W				8.5W				12VDC: 7.4W 24VDC: 7.7W				8.5W															
Rated Power Consumption		-20°C to +50°C (-4°F to +122°F)																											
		-30°C to +60°C (-22°F to +140°F)																											
Temperature Range		Less than 90% (No condensation)																											
Humidity Range																													
Mounting		Indoor: upright, inverted & sideways outdoor: upright																											
Insulation Resistance		More than 1MΩ at 500VDC between live part and non-current carrying metallic part				More than 3MΩ at 500VDC between live part and non-current carrying metallic part				More than 1MΩ at 500VDC between live part and non-current carrying metallic part				More than 3MΩ at 500VDC between live part and non-current carrying metallic part															
Withstand Voltage		500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation															
Wire Size		UL2464, PVC, 22 AWG×5		Solid Wire : 0.13-1.5mm² Stranded Wire : 28-14 AWG						UL2464, PVC, 22 AWG×5		Solid Wire : 0.13-1.5mm² Stranded Wire : 28-14 AWG		UL2464, PVC, 18 AWG×2 + 24 AWG×3		Solid Wire : 0.13-1.5mm² Stranded Wire : 28-14 AWG													
Protection Rating		IP23 (IP65 when used with SZW-102 Rubber Gasket attachment)		IP66/NEMA TYPE 4X,13						IP23 (IP65 when used with SZW-102 Rubber Gasket attachment)		IP66/NEMA TYPE 4X,13																	
Weight g [oz]		0.27kg		0.24kg		0.27kg		0.40kg		0.39kg		0.43kg		0.42kg															
Housing Material		Polycarbonate																											
Agency Approval		UL File No.E215660																											

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

PATLITE® Signal Devices

Multi-Function Audible-Visual Signal Beacon Monocolor SF Series

Overview

SF series monocolor beacons are offered in four different LED colors (Blue, Green, Red, and Amber). The reflector is designed to distribute light for clear, unambiguous indication.

Features

- Choose from 4 LED color options (Blue, Green, Red, and Amber)
- The newly developed Fresnel lens distributes ambient, uniform light from all surfaces of the globe, including the top
- High protection rating for operation in harsh environments
- Gasket optional
- IP23 (IP65 with optional gasket)
- IP66 (M1KT/M2KT versions)
- 22 light patterns (shown below)



SF08-M1KTB-B



Multi-Function Audible-Visual Signal Beacon Monocolor SF Series Selection Chart									
Part Number	Price	LED Color	Type	Size	Light Function	Sound Level	Voltage	Drawing Link	Connection
SF08-M1KTB-B	\$06hse:	Blue	Audible-visual signal beacon	80mm	22 selectable flashing and rotating patterns	88dB	12–24 VDC	PDF	push-in terminal
SF08-M1KTB-G	\$.06hsf:	Green						PDF	
SF08-M1KTB-R	\$06hsg:	Red						PDF	
SF08-M1KTB-Y	\$06hsh:	Amber						PDF	
SF08-M2KTB-B	\$06hsn:	Blue					100–240 VAC	PDF	
SF08-M2KTB-G	\$06hso:	Green						PDF	
SF08-M2KTB-R	\$06hsp:	Red						PDF	
SF08-M2KTB-Y	\$06hsq:	Amber						PDF	
SF10-M1KTB-B	\$.06hs[:	Blue		12–24 VDC			PDF		
SF10-M1KTB-G	\$06hs_:	Green					PDF		
SF10-M1KTB-R	\$06hs#:	Red					PDF		
SF10-M1KTB-Y	\$.06hs!:	Amber					PDF		
SF10-M2KTB-B	\$.06ht6:	Blue					100–240 VAC	PDF	
SF10-M2KTB-G	\$.06ht7:	Green						PDF	
SF10-M2KTB-R	\$.06ht8:	Red						PDF	
SF10-M2KTB-Y	\$.06ht9:	Amber						PDF	

PATLITE® Signal Devices

Multi-Function Audible-Visual Signal Beacon Monocolor SF Series

Specifications

Multi-Function Audible-Visual Signal Beacon Monocolor SF Series Technical Specifications																				
Part Number		SF08-M1KTB-B	SF08-M1KTB-G	SF08-M1KTB-R	SF08-M1KTB-Y	SF08-M2KTB-B	SF08-M2KTB-G	SF08-M2KTB-R	SF08-M2KTB-Y	SF10-M1KTB-B	SF10-M1KTB-G	SF10-M1KTB-R	SF10-M1KTB-Y	SF10-M2KTB-B	SF10-M2KTB-G	SF10-M2KTB-R	SF10-M2KTB-Y			
		Operating Voltage Range				Rated Current Consumption				Rated Power Consumption				Temperature Range		Humidity Range		Mounting		
		10-30V DC				90-250V AC				10-30V DC				90-250V AC						
		12VDC: 0.64A 24VDC: 0.34A				100VAC: 0.20A 240VAC: 0.08A				12VDC: 0.64A 24VDC: 0.34A				100VAC: 0.20A 240VAC: 0.08A						
		12VDC: 7.7W 24VDC: 8.2W				8.8W				12VDC: 7.7W 24VDC: 8.2W				8.8W						
Temperature Range	Operating	-20°C to +50°C (-4°F to +122°F)																		
	Storage	-30°C to +60°C (-22°F to +140°F)																		
Humidity Range	Operating	Less than 90% (No condensation)																		
	Storage																			
Mounting		Indoor: Upright, Inverted & Sideways Outdoor: Upright																		
Insulation Resistance		More than 1MΩ at 500VDC between live part and non-current carrying metallic part				More than 3MΩ at 500VDC between live part and non-current carrying metallic part				More than 1MΩ at 500VDC between live part and non-current carrying metallic part				More than 3MΩ at 500VDC between live part and non-current carrying metallic part						
Withstand Voltage		500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation						
Wire Size		Solid Wire : 0.13-1.5mm² Stranded Wire : 28-14 AWG																		
Protection Rating		IP66/NEMA TYPE 4X,13																		
Weight g [oz]		0.25kg				0.28kg				0.40kg				0.43kg						
Housing Material		Polycarbonate																		
Agency Approval		UL File No.E215660																		

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

PATLITE® Signal Devices

Multi-Function Audible-Visual Signal Beacon Monocolor SF Series

Light Patterns

Select from 22 light patterns to indicate various statuses at your work field. The light pattern can easily be configured by adjusting the rotary switch and wiring the input channels as desired.

[Examples of Usage]

- Reduce brightness during night time
- Adjust flash speeds depending on urgency
- Adjust rotation speeds depending on level of danger

Rotary switch	wiring	CH1	CH2	CH1	CH2	CH1	CH2	CH1	CH2
		OFF	OFF	ON	OFF	OFF	ON	ON	ON
0		Off		Rotating (120 rpm)		Triple-flash		Rotating (120 rpm)	
1		Off		Rotating (180 rpm)		Triple-flash		Rotating (180 rpm)	
2		Off		Triple-flash		Pulse pattern		Triple-flash	
3		Off		Rotating (60 rpm)		Rotation (120 rpm)		Rotating (180 rpm)	
4		Off		Single-flash		Double-flash		Triple-flash	
5		Triple-flash		Triple-flash		Triple-flash		Triple-flash	
6		Pulse pattern		Pulse pattern		Pulse pattern		Pulse pattern	
7		Rotating (60 rpm)		Rotating (60 rpm)		Rotating (60 rpm)		Rotating (60 rpm)	
8		Rotating (120 rpm)		Rotating (120 rpm)		Rotating (120 rpm)		Rotating (120 rpm)	
9		Rotating (180 rpm)		Rotating (180 rpm)		Rotating (180 rpm)		Rotating (180 rpm)	

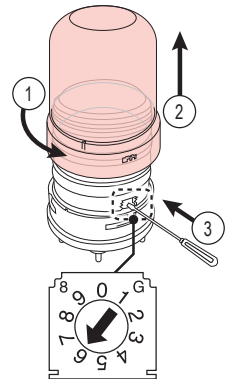


= Dimmed

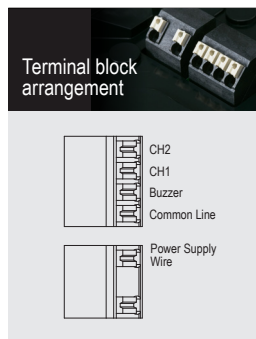
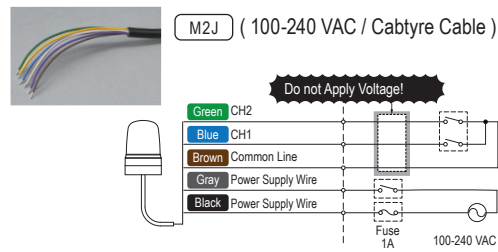
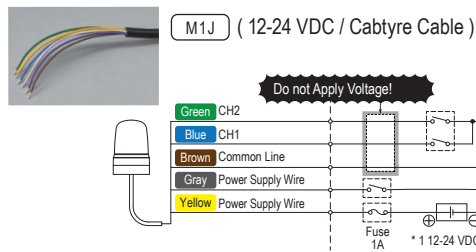


= Half-side emitted

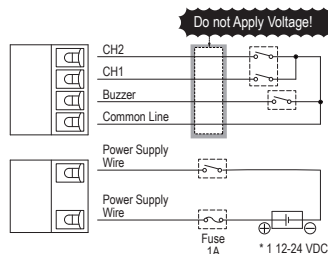
Adjusting the Rotary Switch



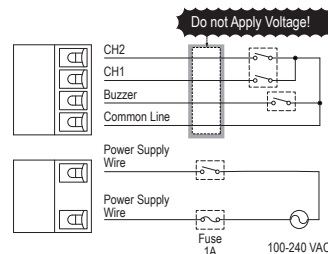
Wiring Diagrams



M1KT (12-24 VDC / 2-Point Hole Type Mounting^{*2} - Terminal Block)



M2KT (120-240 VAC / 2-Point Hole Type Mounting^{*2} - Terminal Block)



* 1 Nonpolar. Use the UL specification with class 2.
* 2 SL15: 3-point hole type mounting

PATLITE® Signal Devices

Rotating Industrial Signal Beacon Monocolor SK Series

Overview

SK series monocolor beacons are offered in three different LED colors (Blue, Red, and Amber). The reflector is designed to distribute light for clear, unambiguous indication.



SKH-M1J-B

Features

- Choose from 3 LED color options (Blue, Red, and Amber)
- Newly developed reflector emits evenly distributed light for clear, unambiguous indication
- High protection rating for operation in harsh environments
- Gasket optional
- IP23 (IP65 with optional gasket)
- 120rpm rotating light



Rotating Industrial Signal Beacon Monocolor SK Series Selection Chart									
Part Number	Price	LED Color	Type	Size	Light Function	Sound Level	Voltage	Drawing Link	Connection
SKS-M1J-B	\$6hqk:	Blue	Industrial signal beacon	80mm	rotating (120rpm)	N/A	12–24 VDC	PDF	pigtail
SKS-M1J-R	\$-6hqł:	Red						PDF	
SKS-M1J-Y	\$6hqñ:	Amber						PDF	
SKS-M2J-B	\$06hqo:	Blue					100–240 VAC	PDF	
SKS-M2J-R	\$06hqþ:	Red						PDF	
SKS-M2J-Y	\$06hqç:	Amber						PDF	
SKH-M1J-B	\$06hqı:	Blue		12–24 VDC			PDF		
SKH-M1J-R	\$06hqş:	Red					PDF		
SKH-M1J-Y	\$06hqŸ:	Amber					PDF		
SKH-M2J-B	\$06hq?:	Blue					100–240 VAC	PDF	
SKH-M2J-R	\$;06hq,:	Red						PDF	
SKH-M2J-Y	\$06hs0:	Amber						PDF	
SKP-M1J-B	\$06hs4:	Blue		150mm			12–24 VDC	PDF	
SKP-M1J-R	\$06hs5:	Red						PDF	
SKP-M1J-Y	\$06hs6:	Amber						PDF	
SKP-M2J-B	\$06hs7:	Blue					100–240 VAC	PDF	
SKP-M2J-R	\$06hs8:	Red						PDF	
SKP-M2J-Y	\$06hs9:	Amber						PDF	

PATLITE® Signal Devices

Rotating Industrial Signal Beacon Monocolor SK Series

Specifications

Rotating Industrial Signal Beacon Monocolor SK Series Technical Specifications																			
Part Number		SKH-M1J-B	SKH-M1J-R	SKH-M1J-Y	SKH-M2J-B	SKH-M2J-R	SKH-M2J-Y	SKP-M1J-B	SKP-M1J-R	SKP-M1J-Y	SKP-M2J-B	SKP-M2J-R	SKP-M2J-Y	SKS-M1J-B	SKS-M1J-R	SKS-M1J-Y	SKS-M2J-B	SKS-M2J-R	SKS-M2J-Y
Operating Voltage Range		10-30V DC			90-250V AC			10-30V DC			90-250V AC			10-30V DC			90-250V AC		
Rated Current Consumption		12VDC: 0.21A 24VDC: 0.12A			100VAC: 0.07A 240VAC: 0.04A			12VDC: 0.21A 24VDC: 0.12A			100VAC: 0.07A 240VAC: 0.04A			12VDC: 0.21A 24VDC: 0.12A			100VAC: 0.07A 240VAC: 0.04A		
Rated Power Consumption		12VDC: 2.5W 24VDC: 2.9W			3.0W			12VDC: 2.5W 24VDC: 2.9W			3.0W			12VDC: 2.5W 24VDC: 2.9W			3.0W		
Temperature Range	Operating	-10°C to +50°C (14°F to +122°F)																	
	Storage	-20°C to +60°C (-4°F to +140°F)																	
Humidity Range	Operating	Less than 90% (No condensation)																	
	Storage																		
Mounting		Indoor: Upright, Inverted & Sideways Outdoor: Upright																	
Insulation Resistance		More than 1MΩ at 500VDC between live part and non-current carrying metallic part			More than 3MΩ at 500VDC between live part and non-current carrying metallic part			More than 1MΩ at 500VDC between live part and non-current carrying metallic part			More than 3MΩ at 500VDC between live part and non-current carrying metallic part			More than 1MΩ at 500VDC between live part and non-current carrying metallic part			More than 3MΩ at 500VDC between live part and non-current carrying metallic part		
Withstand Voltage		500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation			4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation			500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation			4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation			500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation			4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation		
Wire Size		UL2464, PVC, 22 AWG×3			UL2464, PVC, 18 AWG×2 + 24 AWG×2			UL2464, PVC, 22 AWG×3			UL2464, PVC, 18 AWG×2 + 24 AWG×2			UL2464, PVC, 22 AWG×3			UL2464, PVC, 18 AWG×2 + 24 AWG×2		
Protection Rating		IP23 (IP65 when used with SZW-103 Rubber Gasket attachment)						IP23						IP23 (IP65 when used with SZW-102 Rubber Gasket attachment)					
Weight g [oz]		0.33kg			0.36kg			0.67kg			0.70kg			0.24kg			0.27kg		
Housing Material		Polycarbonate																	
Agency Approval		UL File No.E215660																	

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

PATLITE® Signal Devices

Rotating Audible-Visual Signal Beacon Monocolor SK Series

Overview

SK series monicolor beacons are offered in three different LED colors (Blue, Red, and Amber). The reflector is designed to distribute light for clear, unambiguous indication.



SKH-M1JB-B



Features

- Choose from 3 LED color options (Blue, Red, and Amber)
- Newly developed reflector emits evenly distributed light for clear, unambiguous indication
- High protection rating for operation in harsh environments
- Gasket optional
- IP23 (IP65 with optional gasket)
- 120rpm rotating light

Rotating Audible-Visual Signal Beacon Monocolor SK Series Selection Chart									
Part Number	Price	LED Color	Type	Size	Light Function	Sound Level*	Voltage	Drawing Link	Connection
SKH-M1JB-B	\$06hqs:	Blue	Audible-visual signal beacon	100mm	rotating (120rpm)	88dB	12-24 VDC	PDF	pigtail
SKH-M1JB-R	\$.06hqt:	Red						PDF	
SKH-M1JB-Y	\$06hqu:	Amber						PDF	
SKH-M1TB-B	\$06hqz:	Blue						PDF	push-in terminal
SKH-M1TB-R	\$.06hq]:	Red						PDF	
SKH-M1TB-Y	\$.06hq[:	Amber						PDF	
SKH-M2JB-B	\$06hq_:	Blue					100-240 VAC	PDF	pigtail
SKH-M2JB-R	\$06hq#:	Red						PDF	
SKH-M2JB-Y	\$.06hq!:	Amber						PDF	
SKH-M2TB-B	\$06hs1:	Blue						PDF	push-in terminal
SKH-M2TB-R	\$06hs2:	Red						PDF	
SKH-M2TB-Y	\$06hs3:	Amber						PDF	

*1 meter from the front of the Buzzer opening

PATLITE® Signal Devices

Rotating Audible-Visual Signal Beacon Monocolor SK Series

Specifications

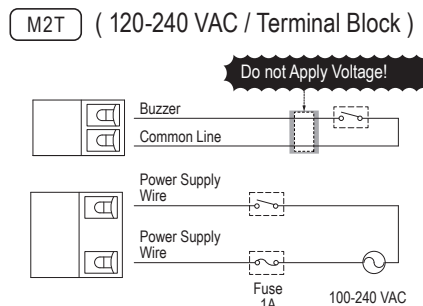
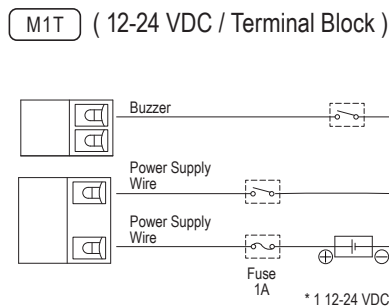
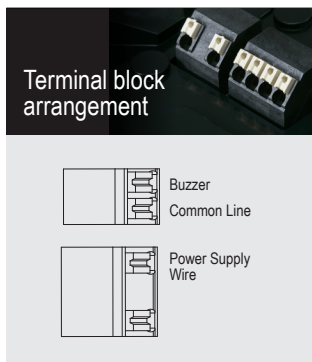
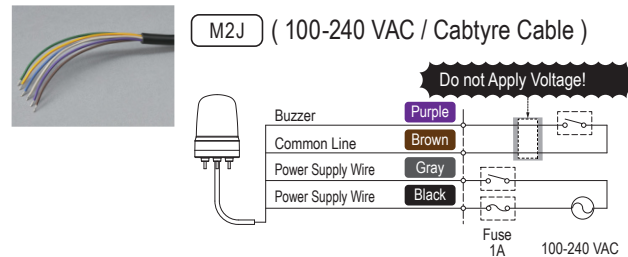
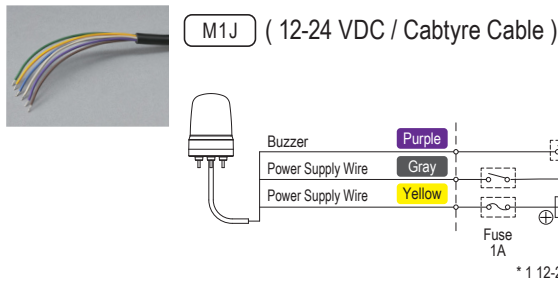
Rotating Audible-Visual Signal Beacon Monocolor SK Series Technical Specifications													
Part Number		SKH-M1JB-B	SKH-M1JB-R	SKH-M1JB-Y	SKH-M1TB-B	SKH-M1TB-R	SKH-M1TB-Y	SKH-M2JB-B	SKH-M2JB-R	SKH-M2JB-Y	SKH-M2TB-B	SKH-M2TB-R	SKH-M2TB-Y
Operating Voltage Range		10-30V DC						90-250V AC					
Rated Current Consumption		12VDC: 0.23A 24VDC: 0.15A						100VAC: 0.08A 240VAC: 0.05A					
Rated Power Consumption		12VDC: 2.8W 24VDC: 3.6W						3.3W					
Temperature Range	Operating	-10°C to +50°C (14°F to +122°F)											
	Storage	-20°C to +60°C (-4°F to +140°F)											
Humidity Range	Operating	Less than 90% (No condensation)											
	Storage												
Mounting		Indoor: Upright, Inverted & Sideways Outdoor: Upright											
Insulation Resistance		More than 1MΩ at 500VDC between live part and non-current carrying metallic part						More than 3MΩ at 500VDC between live part and non-current carrying metallic part					
Withstand Voltage		500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation						4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation					
Wire Size		UL2464, PVC, 22 AWG×3			Solid Wire : 0.13-1.5mm² Stranded Wire : 28-14 AWG			UL2464, PVC, 18 AWG×2 + 24 AWG×2			Solid Wire : 0.13-1.5mm² Stranded Wire : 28-14 AWG		
Protection Rating		IP23 (IP65 when used with SZW-103 Rubber Gasket attachment)											
Weight g [oz]		0.34kg			0.31kg			0.37kg			0.34kg		
Housing Material		Polycarbonate											
Agency Approval		UL File No.E215660											

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

PATLITE® Signal Devices

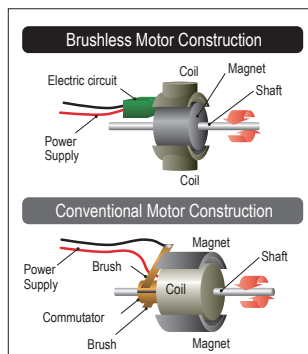
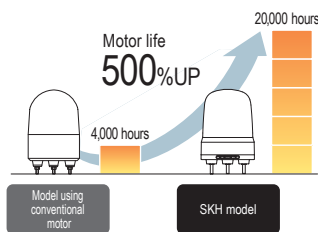
Rotating Audible-Visual Signal Beacon Monocolor SK Series

Wiring Diagrams

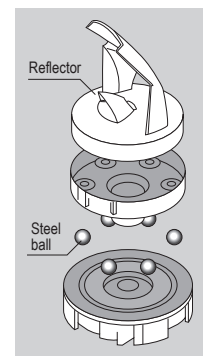


True Rotation

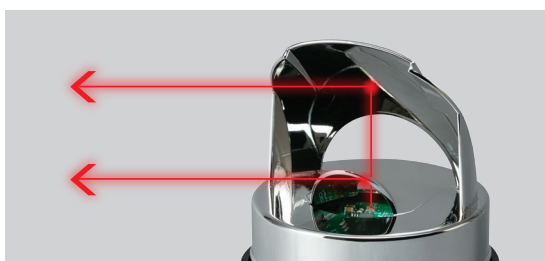
The SK is equipped with a brushless motor, which produces less heating than a conventional motor, and has a longer motor life.



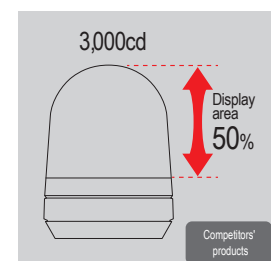
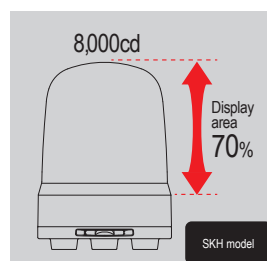
The steel ball bearings, located at the base of the reflector, are designed to greatly reduce wear over time and provides quiet reflector rotation.



This newly developed dual-reflector efficiently distributes LED light, creating bright, even light output.



The light-emitting surface is designed to provide maximum visibility and effective visual signals.



* Measured under the same conditions, at 1.3m from each unit.

PATLITE® Signal Devices

Multi-Function Industrial Signal Beacon Monocolor SL Series

Overview

SL series monocolor beacons are offered in four different LED colors (Blue, Green, Red, and Amber). The reflector is designed to distribute light for clear, unambiguous indication.

Features

- Choose from 4 LED color options (Blue, Green, Red, and Amber)
- The newly developed Fresnel lens distributes ambient, uniform light from all surfaces of the globe, including the top
- High protection rating for operation in harsh environments
- Gasket optional
- IP23 (IP65 with optional gasket)
- IP66 (M1KT/M2KT versions)



SL08-M1JN-B



Multi-Function Industrial Signal Beacon Monocolor SL Series Selection Chart									
Part Number	Price	LED Color	Type	Size	Light Function	Sound Level	Voltage	Drawing Link	Connection
SL08-M1JN-B	\$6hpk:	Blue	Industrial signal beacon	80mm	selectable continuous, blinking or triple flash	N/A	12-24 VDC	PDF	pigtail
SL08-M1JN-G	\$-6hpl:	Green						PDF	
SL08-M1JN-R	\$6hpn:	Red						PDF	
SL08-M1JN-Y	\$6hpo:	Amber						PDF	
SL08-M2JN-B	\$06hpu:	Blue					100-240 VAC	PDF	
SL08-M2JN-G	\$06hpu:	Green						PDF	
SL08-M2JN-R	\$06hpx:	Red						PDF	
SL08-M2JN-Y	\$06hpy:	Amber						PDF	
SL10-M1JN-B	\$06hp#:	Blue		100mm			12-24 VDC	PDF	
SL10-M1JN-G	\$.06hpl:	Green						PDF	
SL10-M1JN-R	\$06hp?:	Red						PDF	
SL10-M1JN-Y	\$.06hp,::	Amber						PDF	
SL10-M2JN-B	\$06hq4:	Blue					100-240 VAC	PDF	
SL10-M2JN-G	\$06hq5:	Green						PDF	
SL10-M2JN-R	\$06hq6:	Red						PDF	
SL10-M2JN-Y	\$06hq7:	Amber						PDF	
SL15-M1JN-B	\$06hqc:	Blue		150mm			12-24 VDC	PDF	
SL15-M1JN-G	\$06hqd:	Green						PDF	
SL15-M1JN-R	\$06hqe:	Red						PDF	
SL15-M1JN-Y	\$.06hqf:	Amber						PDF	
SL15-M2JN-B	\$06hqq:	Blue					100-240 VAC	PDF	
SL15-M2JN-G	\$06hqh:	Green						PDF	
SL15-M2JN-R	\$-.06hqi:	Red						PDF	
SL15-M2JN-Y	\$-.06hqj:	Amber						PDF	

PATLITE® Signal Devices

Multi-Function Industrial Signal Beacon Monocolor SL Series

Specifications

Multi-Function Industrial Signal Beacon Monocolor SL Series Technical Specifications																											
Part Number		SL08-M1JN-B	SL08-M1JN-G	SL08-M1JN-R	SL08-M1JN-Y	SL08-M2JN-B	SL08-M2JN-G	SL08-M2JN-R	SL08-M2JN-Y	SL10-M1JN-B	SL10-M1JN-G	SL10-M1JN-R	SL10-M1JN-Y	SL10-M2JN-B	SL10-M2JN-G	SL10-M2JN-R	SL10-M2JN-Y	SL15-M1JN-B	SL15-M1JN-G	SL15-M1JN-R	SL15-M1JN-Y	SL15-M2JN-B	SL15-M2JN-G	SL15-M2JN-R	SL15-M2JN-Y		
		Operating Voltage Range				10-30V DC				90-250V AC				10-30V DC				90-250V AC				10-30V DC				90-250V AC	
Rated Current Consumption		12VDC: 0.22A 24VDC: 0.12A				100VAC: 0.08A 240VAC: 0.04A				12VDC: 0.22A 24VDC: 0.12A				100VAC: 0.08A 240VAC: 0.04A				12VDC: 0.40A 24VDC: 0.20A				100VAC: 0.14A 240VAC: 0.06A					
Rated Power Consumption		12VDC: 2.6W 24VDC: 2.9W				3.1W				12VDC: 2.6W 24VDC: 2.9W				3.1W				4.8W				5.6W					
Temperature Range	Operating	-20°C to +50°C (-4°F to +122°F)																									
	Storage	-30°C to +60°C (-22°F to +140°F)																									
Humidity Range	Operating	Less than 90% (No condensation)																									
	Storage																										
Mounting		Indoor: Upright, Inverted & Sideways Outdoor: Upright																									
Insulation Resistance		More than 1MΩ at 500VDC between live part and non-current carrying metallic part				More than 3MΩ at 500VDC between live part and non-current carrying metallic part				More than 1MΩ at 500VDC between live part and non-current carrying metallic part				More than 3MΩ at 500VDC between live part and non-current carrying metallic part				More than 1MΩ at 500VDC between live part and non-current carrying metallic part				More than 3MΩ at 500VDC between live part and non-current carrying metallic part					
Withstand Voltage		500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation					
Wire Size		UL2464, PVC, 22 AWG×5				UL2464, PVC, 18 AWG×2 + 24 AWG×3				UL2464, PVC, 22 AWG×5				UL2464, PVC, 18 AWG×2 + 24 AWG×3				UL2464, PVC, 22 AWG×5				UL2464, PVC, 18 AWG×2 + 24 AWG×3					
Protection Rating		IP23 (IP65 when used with SZW-102 Rubber Gasket attachment)				IP66/NEMA TYPE 4X,13				IP23 (IP65 when used with SZW-103 Rubber Gasket attachment)				IP23													
Weight g [oz]		0.25kg				0.28kg				0.37kg				0.40kg				0.86kg				0.89kg					
Housing Material		Polycarbonate																									
Agency Approval		UL File No.E215660																									

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

PATLITE® Signal Devices

Multi-Function Audible-Visual Signal Beacon Monocolor SL Series

Overview

SL series monocolor beacons are offered in four different LED colors (Blue, Green, Red, and Amber). The reflector is designed to distribute light for clear, unambiguous indication.

Features

- Choose from 4 LED color options (Blue, Green, Red, and Amber)
- Newly developed reflector emits evenly distributed light for clear, unambiguous indication
- High protection rating for operation in harsh environments
- Gasket optional
- IP23 (IP65 with optional gasket)
- IP66 (M1KT/M2KT versions)



SL08-M1KTB-B



Multi-Function Audible-Visual Signal Beacon Monocolor SL Series Selection Chart									
Part Number	Price	LED Color	Type	Size	Light Function	Sound Level*	Voltage	Drawing Link	Connection
SL08-M1KTB-B	\$06hpp:	Blue	Audible-visual signal beacon	80mm	selectable continuous, blinking or triple flash	88dB	12–24 VDC	PDF	push-in terminal
SL08-M1KTB-G	\$06hpq:	Green						PDF	
SL08-M1KTB-R	\$06hps:	Red						PDF	
SL08-M1KTB-Y	\$.06hpt:	Amber						PDF	
SL08-M2KTB-B	\$06hpz:	Blue					100–240 VAC	PDF	
SL08-M2KTB-G	\$.06hpj:	Green						PDF	
SL08-M2KTB-R	\$.06hpf:	Red						PDF	
SL08-M2KTB-Y	\$06hp_:	Amber						PDF	
SL10-M1KTB-B	\$06hq0:	Blue		100mm			12–24 VDC	PDF	
SL10-M1KTB-G	\$06hq1:	Green						PDF	
SL10-M1KTB-R	\$06hq2:	Red						PDF	
SL10-M1KTB-Y	\$06hq3:	Amber						PDF	
SL10-M2KTB-B	\$06hq8:	Blue					100–240 VAC	PDF	
SL10-M2KTB-G	\$06hq9:	Green						PDF	
SL10-M2KTB-R	\$06hqa:	Red						PDF	
SL10-M2KTB-Y	\$06hqb:	Amber						PDF	

*1 meter from the front of the Buzzer opening

PATLITE® Signal Devices

Multi-Function Audible-Visual Signal Beacon Monocolor SL Series

Specifications

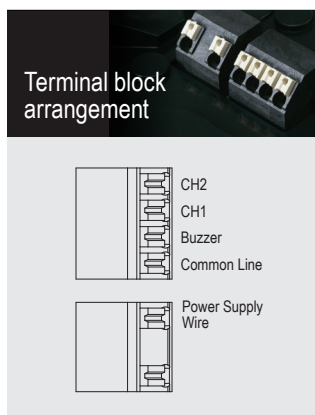
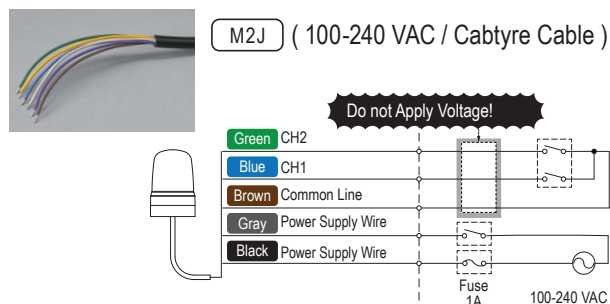
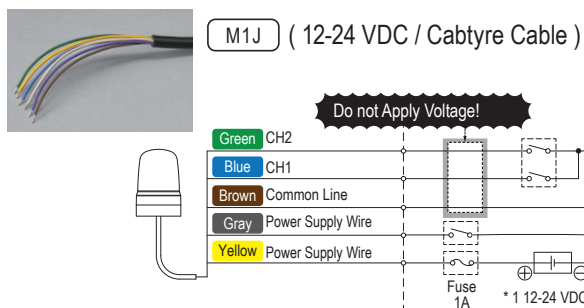
Multi-Function Audible-Visual Signal Beacon Monocolor SL Series Technical Specifications																	
Part Number		SL08-M1KTB-B	SL08-M1KTB-G	SL08-M1KTB-R	SL08-M1KTB-Y	SL08-M2KTB-B	SL08-M2KTB-G	SL08-M2KTB-R	SL08-M2KTB-Y	SL10-M1KTB-B	SL10-M1KTB-G	SL10-M1KTB-R	SL10-M1KTB-Y	SL10-M2KTB-B	SL10-M2KTB-G	SL10-M2KTB-R	SL10-M2KTB-Y
Operating Voltage Range		10-30V DC				90-250V AC				10-30V DC				90-250V AC			
Rated Current Consumption		12VDC: 0.24A 24VDC: 0.14A				100VAC: 0.09A 240VAC: 0.05A				12VDC: 0.24A 24VDC: 0.14A				100VAC: 0.09A 240VAC: 0.05A			
Rated Power Consumption		12VDC: 2.9W 24VDC: 3.4W				3.5W				12VDC: 2.9W 24VDC: 3.4W				3.5W			
Temperature Range	Operating	-20°C to +50°C (-4°F to +122°F)															
	Storage	-30°C to +60°C (-22°F to +140°F)															
Humidity Range	Operating	Less than 90% (No condensation)															
	Storage																
Mounting		Indoor: Upright, Inverted & Sideways Outdoor: Upright															
Insulation Resistance		More than 1MΩ at 500VDC between live part and non-current carrying metallic part				More than 3MΩ at 500VDC between live part and non-current carrying metallic part				More than 1MΩ at 500VDC between live part and non-current carrying metallic part				More than 3MΩ at 500VDC between live part and non-current carrying metallic part			
Withstand Voltage		500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation				4,000VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation			
Wire Size		Solid Wire : 0.13-1.5mm² Stranded Wire : 28-14 AWG															
Protection Rating		IP23 (IP65 when used with SZW-102 Rubber Gasket attachment)				IP66/NEMA TYPE 4X,13											
Weight g [oz]		0.24kg				0.27kg				0.37kg				0.40kg			
Housing Material		Polycarbonate															
Agency Approval		UL File No.E215660															

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

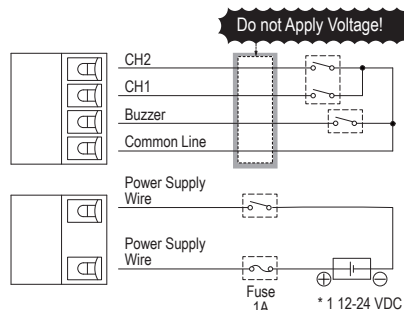
PATLITE® Signal Devices

Multi-Function Audible-Visual Signal Beacon Monocolor SL Series

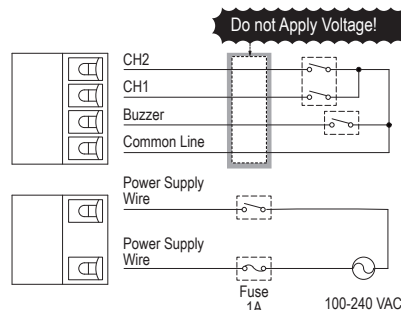
Wiring Diagrams



M1KT (12-24 VDC / 2-Point Hole Type Mounting*² - Terminal Block)



M2KT (120-240 VAC / 2-Point Hole Type Mounting*² - Terminal Block)



* 1 Nonpolar. Use the UL specification with class 2.

*2 SL15: 3-point hole type mounting

PATLITE® Signal Devices

Audible-Visual and Industrial Signal Beacon Accessories SF, SK, and SL Series

Accessories SF, SK, and SL Series			
Part Number	Price	Description	Drawing Link
SZK-101	\$,-6htf:	Patlite mounting bracket, wall mount, black, polycarbonate. For use with Patlite SKS, SKH, SF08, SF10, SL08 and SL10 series beacons.	PDF
SZK-102	\$,-6htg:	Patlite mounting bracket, wall mount, silver, 304 stainless steel. For use with Patlite SKS, SKH, SF08, SF10, SL08 and SL10 series beacons.	PDF
SZK-103	\$,-6hth:	Patlite mounting bracket, wall mount, silver, 305 stainless steel. For use with Patlite SKP and SL15 series beacons.	PDF
SZK-104	\$,-6hti:	Patlite mounting bracket cover, wall mount, black, polycarbonate. For use with Patlite SZK-102 mounting bracket. Installation hardware included.	PDF
SZK-105	\$,-6htj:	Patlite mounting bracket cover, wall mount, black, polycarbonate. For use with Patlite SZK-103 mounting bracket. Installation hardware included.	PDF
SZP-101	\$,-6htk:	Patlite tube adapter, tube mount, 100mm diameter, black, polycarbonate. For use with Patlite SKH, SF10, SL10 series beacons and POLE22-xxxxAN or POLE22-xxxxAT mounting poles.	PDF
SZP-102	\$,-6htl:	Patlite tube adapter, tube mount, 80mm diameter, 1/2in NPT thread, silver, aluminum. For use with Patlite SKS, SF08 and SL08 series beacons.	PDF
SZP-103	\$,-6htn:	Patlite tube adapter, tube mount, 100mm diameter, 1/2in NPT thread, silver, aluminum. For use with Patlite SKH, SF10 and SL10 series beacons.	PDF
SZP-104	\$,-6hto:	Patlite tube adapter, tube mount, 150mm diameter, 3/4in NPT thread, silver, aluminum. For use with Patlite SKP and SL15 series beacons.	PDF
SZW-101	\$,-6htp:	Patlite mounting bracket, ceiling mount, 100mm diameter, black, cold-rolled steel. For use with Patlite SKH, SF10 and SL10 series beacons.	PDF
SZW-102	\$,-6htq:	Patlite gasket, black, silicone. For use with Patlite SKS, SF08 and SL08 series beacons.	PDF
SZW-103	\$,-6hts:	Patlite gasket, black, silicone. For use with Patlite SKH, SF10 and SL10 series beacons.	PDF



[SZK-101](#)



[SZK-102](#)



[SZK-103](#)



[SZK-104](#)



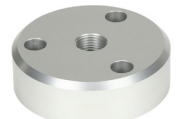
[SZK-105](#)



[SZP-101](#)



[SZP-102](#)



[SZP-103](#)



[SZP-104](#)



[SZW-101](#)



[SZW-102](#)



[SZW-103](#)

PATLITE® Signal Devices

56mm Industrial Signal Beacon Monocolor NE-A Series

Overview

NE-A series monocolor beacons are offered in five different LED colors (Red, Amber, Green, Blue, and White). The reflector is designed to distribute light for clear, unambiguous indication.

Features

- Choose from 5 LED color options (Red, Amber, Green, Blue, and White)
- Newly developed reflector emits evenly distributed light, for clear, unambiguous indication
- High protection rating for operation in harsh environments
- Gasket included



NE-24A-G

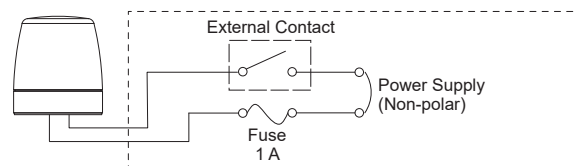


56mm Industrial Signal Beacon Monocolor NE-A Series Selection Chart							
Part Number	Price	LED Color	Type	Light Function	Voltage	Drawing Link	Connection
NE-24A-R	\$;5,no:	Red	Industrial signal beacon	Continuous	24VDC ± 10%	PDF	Screwless terminal block
NE-24A-Y	\$;5,np:	Amber				PDF	
NE-24A-G	\$;5,nq:	Green				PDF	
NE-24A-B	\$;5,ns:	Blue				PDF	
NE-24A-C	\$;5,nt:	White				PDF	

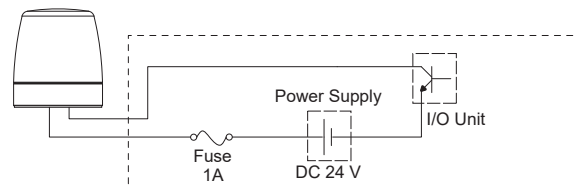
Wiring Diagrams

Wiring examples vary depending on the driving method.

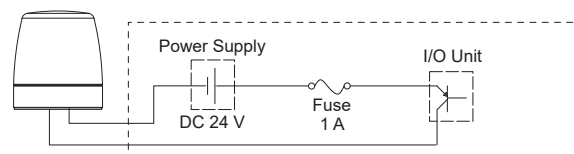
(A) External Contact Drive



(B) I/O Unit Drive (NPN Transistor)



(C) I/O Unit Drive (PNP Transistor)



[Fuse]

Fuse Rating	250 V 1 A
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[External Contact Capacity]

Current Capacity	$I_s \geq 50 \text{ mA}$
Voltage Capacity	$V_s \geq 35 \text{ V}$

[Transistor (NPN or PNP)]

Current Capacity	$I_c \geq 50 \text{ mA}$
Withstand Voltage	$V_c \geq 35 \text{ V}$
Leakage Current	$I_L \leq 0.1 \text{ mA}$

*No significant inrush current present

PATLITE® Signal Devices

56mm Industrial Signal Beacon Monocolor NE-A Series

Specifications

56mm Industrial Signal Beacon Monocolor NE-A Series Technical Specifications		
Rated Voltage		24VDC
Operating Voltage Range		24VDC $\pm 10\%$
Rated Current Consumption	Typical	22mA
	Max	26mA
Rated Power Consumption	Typical	0.6 W
	Max	0.7 W
Temperature Range	Operating	-30 to 50°C [-22 to 122°F]
	Storage	-40 to 75°C [-40 to 167°F]
Humidity Range	Operating	Less than 90% (no condensation)
	Storage	
Mounting		Indoor, any direction
Insulation Resistance		More than 5M Ω at 500VDC between live part and non-current carrying metallic part
Withstand Voltage		500VAC applied for 1 min between live part and non-current carrying metallic part without breaking insulation
Wire Size		Solid wire 0.2 mm ² - 1.5mm ² , Stranded wire 24–16 AWG
Protection Rating		IP65, NEMA 4X,13
Weight g [oz]		60 [2.11] $\pm 10\%$
Housing Material		Polycarbonate
Agency Approval		UL 508, UR File: E215660, CSA-C22.2 No. 15

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

PATLITE® Signal Devices

56mm Audible-Visual and Industrial Signal Beacon Multicolor NE-A Series

Overview

The NE-A series of multicolor beacons features up to 7 selectable LED colors (Red, Amber, Green, Blue, White, Cyan, and Purple). These beacons feature simultaneous use of continuous or flashing conditions.

Features

- Capacitive touch sensor enables real-time status confirmations available on 1 unit
- Features simultaneous use of continuous, flashing, and audible alarm conditions
- Up to 7 selectable LED colors (Red, Amber, Green, Blue, White, Cyan, and Purple)
- High protection rating for operation in harsh environments

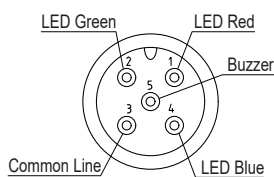


56mm Audible-Visual and Industrial Signal Beacon Multicolor NE-A Series Selection Chart											
Part Number	Price	Type	Bulb Type	Light Function	Light Colors	Voltage	Tone Type	Tone Frequency	Touch To Silence	Drawing Link	Connection
<u>NE-M1ANB-M</u>	\$;5,ne:	Audible-visual signal beacon	Integrated LED	Continuous or flashing (500ms)	Red/Amber/ Green/ Blue/White/ Cyan/ Purple	12–24 VDC	Continuous/ intermittent 88db at 1m	2.5 kHz	No	<u>PDF</u>	2m [6.56 ft] cable with pigtail
<u>NE-M1ACNB-M</u>	\$;05,nf:			Continuous		12–24 VDC			No	<u>PDF</u>	5-pin M12 connector *
<u>NE-M1ANN-M</u>	\$;-5,nj:	Industrial signal beacon	LED	Continuous or flashing (500ms)		12–24 VDC	N/A	N/A	N/A	<u>PDF</u>	2m [6.56 ft] cable with pigtail
<u>NE-M1ACNN-M</u>	\$;5,nk:			Continuous		12–24 VDC				<u>PDF</u>	5-pin M12 connector *
<u>NE-M1ATB-M</u>	\$;05,ng:	Audible-visual signal beacon	Integrated LED	Continuous		12–24 VDC	Continuous/ intermittent 88db at 1m	2.5 kHz	Yes	<u>PDF</u>	2m [6.56 ft] cable with pigtail

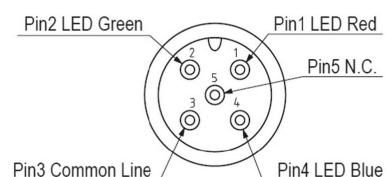
* Requires a 5-pin female M12 cable, sold separately.

M12 5-pin Connector

NE-M1ACNB-M



NE-M1ACNN-M



PATLITE® Signal Devices

56mm Audible-Visual and Industrial Signal Beacon Multicolor NE-A Series

Specifications

56mm Audible-Visual and Industrial Signal Beacon Multicolor - NE-A Series Specifications							
Model			NE-M1ANB-M	NE-M1ACNB-M	NE-M1ANN-M	NE-M1ACNN-M	NE-M1ATB-M
Rated Voltage			12–24 VDC				
Operating Voltage Range			10–30 VDC				
Rated Current Consumption	Typical	12VDC	80mA	55mA		80mA	
		24VDC	65mA	45mA		65mA	
	Max	12VDC	95mA	65mA		95mA	
		24VDC	70mA	50mA		70mA	
Rated Power Consumption	Typical	12VDC	1.0 W	0.7 W		1.0 W	
		24VDC	1.6 W	1.1 W		1.6 W	
	Max	12VDC	1.2 W	0.8 W		1.2W	
		24VDC	1.8 W	1.2 W		1.8 W	
Standby Current			Less than 20mA				
Inrush Current			Less than 0.4 A / 2msec				
Temperature Range	Operating	-25 to 60°C [-13 to 140°F]					
	Storage	-40 to 75°C [-40 to 167°F]					
Humidity Range	Operating	Less than 90% (no condensation)					
	Storage						
Mounting			Indoor, any direction				
Insulation Resistance			More than 5MΩ at 500VDC between live part and non-current carrying metallic part				
Withstand Voltage			1 min at 500VAC between charging parts and non-charging metal parts				
Wire Size			24AWG	–	24AWG	–	24AWG
Protection Rating			IP65, NEMA Type 4X,13		IP67, NEMA Type 4X,13	IP67/IP69K	IP65, NEMA Type 4X,13
Weight g [oz]			170 [5.99]	100 [3.52]	150 [5.29]	90 [3.17]	170 [5.99]
Housing Material			Polycarbonate				
Agency Approval			UL 508, UR File: E215660, CSA-C22.2 No. 15				

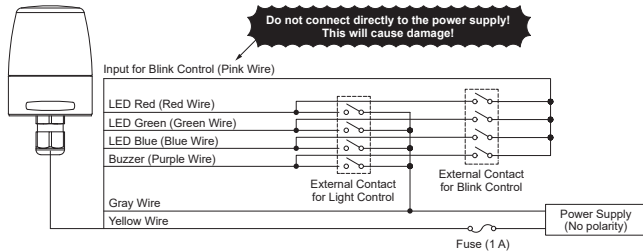
To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

PATLITE® Signal Devices

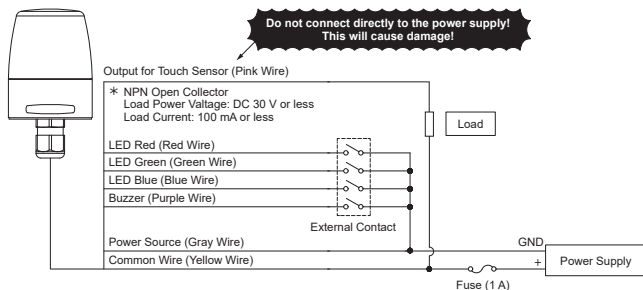
56mm Audible-Visual and Industrial Signal Beacon Multicolor NE-A Series

Wiring Diagrams

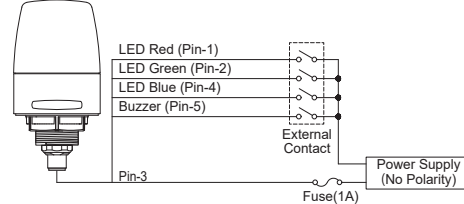
NE-M1ANN-M, NE-M1ANB-M



NE-M1ATB-M



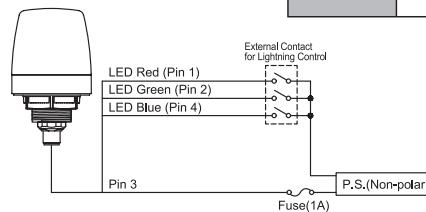
NE-M1ACNB-M



LED Color	Red	Green	Blue	Yellow	Cyan	Purple	White
Pin No.	1	2	4	1 + 2	2 + 4	1 + 4	1 + 2 + 4

< NOTE > Be sure to insulate all unconnected lead wires one by one. Otherwise, electric shock or short circuit may occur.

NE-M1ACNN-M



LED Color	Red	Green	Blue	Yellow	Cyan	Purple	White
M12 Connector Pin No.	①	②	④	① + ②	② + ④	① + ④	① + ② + ④

Fuse	
Fuse Rating	250V 1A

External Contact Capacity	
Current Capacity	Is ≥ 50mA
Voltage Capacity	Vs ≥ 35V
Leakage Current	IL ≤ 0.1mA

LED Color	Red	Green	Blue	Yellow	Cyan	Purple	White
Wiring	Red	Green	Blue	Red + Green	Blue + Green	Red + Blue	Red + Green + Blue

< NOTE > No need to connect the buzzer (purple wire) for NE-M1ANN-M. When the blink control is not necessary for NE-M1ANN-M/NE-M1ANB-M, no need to connect the blink control (pink wire). Be sure to insulate all unconnected lead wires one by one. Otherwise, electric shock or short circuit may occur.

[Fuse]

Fuse Rating	250 V 1 A
-------------	-----------

[External Contact Capacity]

Current Capacity	Is ≥ 50 mA
Voltage Capacity	Vs ≥ 35 V
Leakage Current	IL ≤ 0.1 mA

* Inrush current: 15 A / 0.1 ms
* Signal response time: 50 ms

PATLITE® Signal Devices

56mm Audible-Visual and Industrial Signal Beacon Multicolor IO-Link NE-IL Series

Overview

The NE-IL series is designed with a multicolored LED that can display up to 7 selectable LED colors (Red, Amber, Green, Blue, White, Cyan, and Purple), enabling users to color-code different statuses and equipment conditions. Two parts offer touch to acknowledge. The NE-IL series beacons are compatible with IO-Link v1.1.

Features

- Capacitive touch sensor enables real-time status confirmations
- Features simultaneous use of continuous, flashing, and audible alarm conditions
- Toggle between 4 patterns (Red, Blue, White, or off) while in touch sensor mode
- High protection rating for operation in harsh environments
- M12 connector available for quick and easy wiring
- IO-Link v1.1

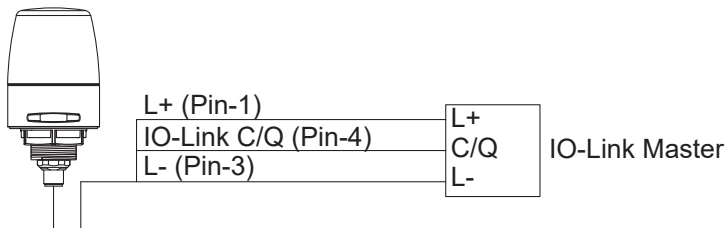


56mm Audible-Visual and Industrial Signal Beacon Multicolor IO-Link NE-IL Series Selection Chart

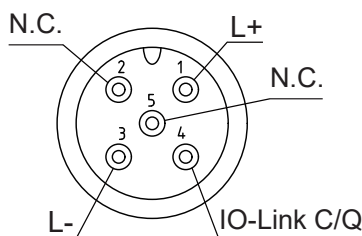
Part Number	Price	Type	Bulb Type	Light Function	Light Colors	Voltage	Tone Type	Tone Frequency	Touch To Acknowledge	Drawing Link	Connection*
<u>NE-ILNB-M</u>	\$;-05,nh:	Audible-visual signal beacon	Integrated LED	Selectable permanent, flashing, double flash, triple flash	Red/Amber/ Green/Blue/ White/Cyan/ Purple	24VDC	(8) selectable 88db at 1m	2.5 kHz	No	<u>PDF</u>	5-pin M12 connector A-coded
<u>NE-ILNN-M</u>	\$;-05,nl:	Industrial signal beacon	LED			24VDC	—	—	No	<u>PDF</u>	
<u>NE-ILTB-M</u>	\$;-05,ni:	Audible-visual signal beacon	Integrated LED			24VDC	(8) selectable 88db at 1m	2.5 kHz	Yes	<u>PDF</u>	
<u>NE-ILTN-M</u>	\$;-05,nn:	Industrial signal beacon	LED			24VDC	—	—	Yes	<u>PDF</u>	

* Requires a 5-pin female M12 cable, sold separately.

Wiring Diagram



M12 5-pin Connector



PATLITE® Signal Devices

56mm Audible-Visual and Industrial Signal Beacon Multicolor IO-Link NE-IL Series

Specifications

56mm Audible-Visual and Industrial Signal Beacon Multicolor IO-Link NE-IL Series Specifications					
Model		NE-ILNB-M	NE-ILNN-M	NE-ILTB-M	NE-ILTN-M
Rated Voltage		24VDC			
Operating Voltage Range		18–30 VDC			
Rated Current Consumption	Typical	80mA	40mA	80mA	40mA
	Max	100mA	50mA	100mA	50mA
Rated Power Consumption	Typical	2.0 W	1.0 W	2.0 W	1.0 W
	Max	2.4 W	1.2 W	2.4 W	1.2 W
Inrush Current		10A / 0.2 msec			
Temperature Range	Operating	-25 to 60°C [-13 to 140°F]			
	Storage	-40 to 75°C [-40 to 167°F]			
Humidity Range	Operating	Less than 90% (no condensation)			
	Storage				
Mounting		Indoor, vertical			
Insulation Resistance		More than 5MΩ at 500VDC between live part and non-current carrying metallic part			
Withstand Voltage		1 min at 500VAC between charging parts and non-charging metal parts			
Protection Rating		IP65, NEMA TYPE 4X, 13			
Weight g [oz]		100 [3.52]	90 [3.17]	100 [3.52]	90 [3.17]
Housing Material		Polycarbonate			
Agency Approval		UL 508, UR File: E215660, CSA-C22.2 No. 14			

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

IO-Link Specifications	
IO-Link	v1.1
Port Speed	COM2 (38.4 kpbs)
SIO Supported	Yes
ISDU Supported	Yes
Data Storage	Yes
Block Parameter	Yes

PATLITE® Signal Devices

56mm Visual-Audible and Industrial Signal Beacon Accessories NE-A and NE-IL Series

56mm Beacon Accessories NE-A and NE-IL Series				
Part Number	Price	Description	Weight g [oz]	Drawing Link
<u>NE-002D</u>	\$,5,n8:	Patlite mounting bracket, wall mount, 56mm diameter, 82mm height, dark gray, polycarbonate. For use with Patlite NE-A and NE-IL series beacons.	34 [1.19]	<u>PDF</u>
<u>NE-001D</u>	\$,5,nu:	Patlite tube adapter, tube mount, 56mm diameter, black, polycarbonate. For use with Patlite NE-A and NE-IL series beacons.	31 [1.09]	<u>PDF</u>
<u>SZP-092D</u>	\$,5,nv:	Patlite tube adapter, tube mount, 1/2in NPT thread type, 56mm diameter, black, polycarbonate. For use with Patlite NE-A and NE-IL series beacons.	23 [0.81]	<u>PDF</u>
<u>GA0000119-F1</u>	\$,5,n9:	Patlite O-ring, silicone. For use with Patlite NE-A and NE-IL series beacons.	45.35 [1.5]	N/A
<u>POLE-100A21</u>	\$,5,na:	Patlite mounting pole, 22mm diameter, 100mm length, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	29 [1.02]	<u>PDF</u>
<u>POLE-300A21</u>	\$,5,nb:	Patlite mounting pole, 22mm diameter, 300mm length, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	86 [3.03]	<u>PDF</u>
<u>POLE-800A21</u>	\$,5,nc:	Patlite mounting pole, 22mm diameter, 800mm length, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	228 [8.04]	<u>PDF</u>
<u>SZ-010</u>	\$,5,nd:	Patlite mounting bracket, flange mount, 100mm diameter, 65mm height, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	122 [4.30]	<u>PDF</u>
<u>SZ-016A</u>	\$,5,n7:	Patlite mounting bracket, flange mount, 68mm diameter, 45mm height, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	96 [3.38]	<u>PDF</u>



[NE-002D](#)



[NE-001D](#)



[SZP-092D](#)



[GA0000119-F1](#)



[POLE-100A21](#)



[SZ-010](#)



[SZ-016A](#)



EvoSIGNAL Overview

Description

Signal devices warn, guide and protect. The type of visual and audible signals used depends on the application and the surroundings. With EvoSIGNAL, it is easier than ever before to find the signal device you need: the streamlined, modular system optimally covers practically all areas of application.

TwinLIGHT and TwinFLASH

TwinLIGHT and TwinFLASH merge two lighting functions in one element that can then be remotely operated and even configured to suit different escalation levels.

TwinLIGHT - Permanent and Blinking Lights

TwinFLASH - Flash and EVS (enhanced visibility system)

Modular Beacons

EvoSIGNAL is the new modular, simple and clear standard solution for the signaling sector.

- High protection rating IP66
- 62, 85, 120mm beacons available
- Signal modules in common voltages (115–230 VAC, 12/24 VAC/VDC, 12 VAC/VDC, 24 VAC/VDC)
- Five colors available

Beacon Accessories

Accessories for installation and freestanding beacons:

- Base mounting
- M22 installation mounting
- PG29 installation mounting
- Tube mounting
- Bracket mounting with cable gland
- Bracket mounting



Mini



Midi

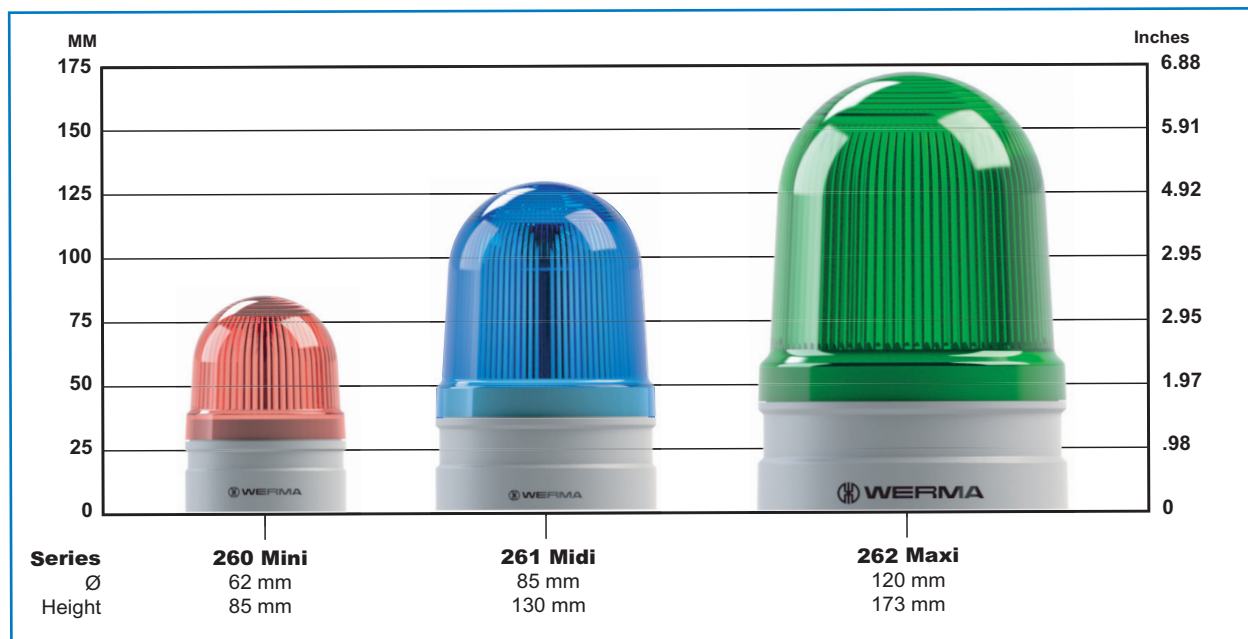


Maxi

Select your WERMA EvoSIGNAL Device

STEP 1

Select height/diameter for your application.

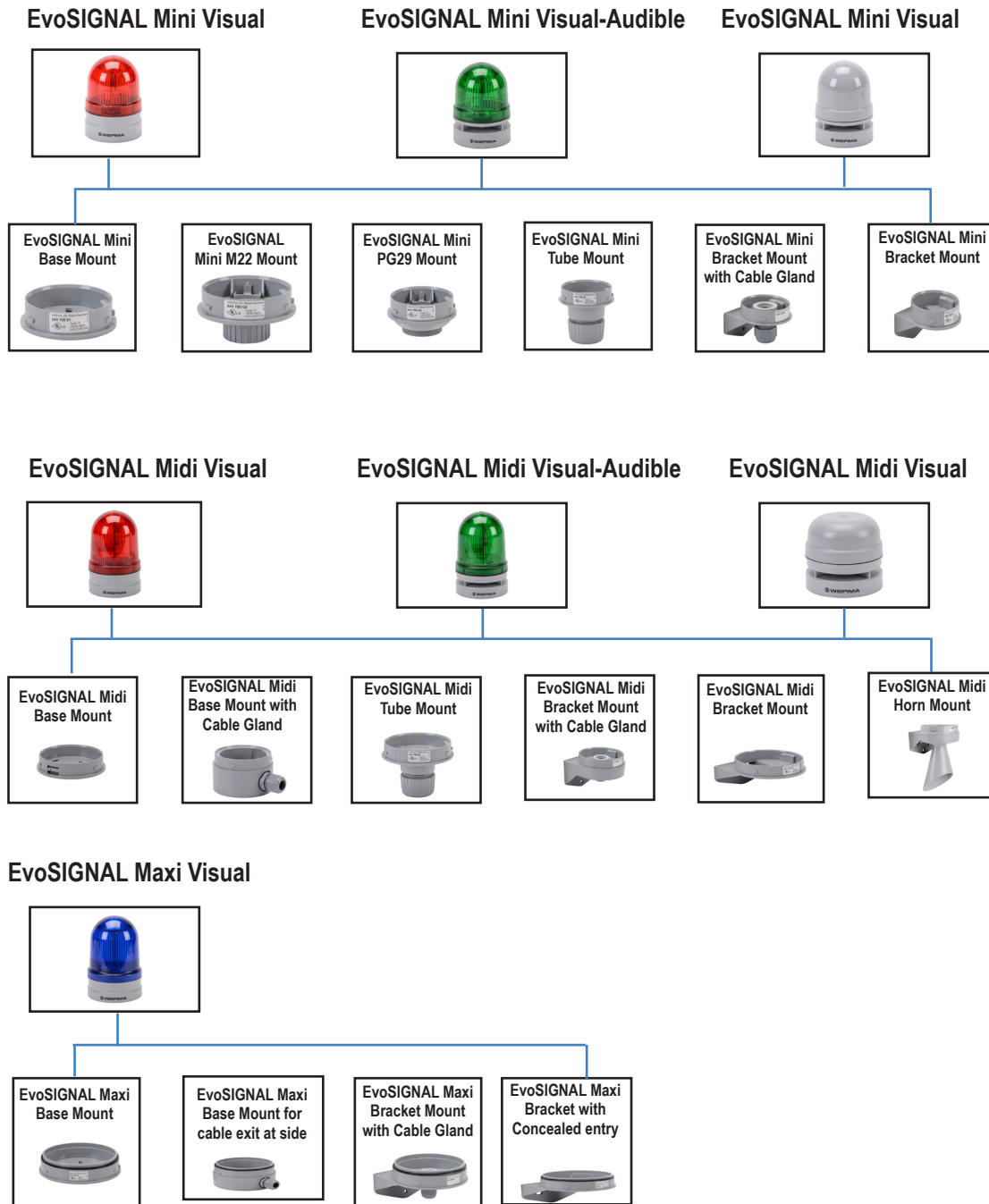




Select your WERMA EvoSIGNAL Device

STEP 2

Select your mounting adapter for the appropriate series of beacon selected.





Signal Devices

Visual Mini 62mm Beacon EvoSIGNAL Series Overview

The EvoSIGNAL Mini Beacons are for locations that have limited space. They are available in TwinLIGHT and TwinFLASH lighting effects. Visual models available include Combi - Vertical and Audible, TriColor, and Audible Signal Horns.

Features

- Voltage ratings 115-230 VAC, 12 VAC/VDC, 24VAC/VDC
- Available in Visual, Visual-Audible, and Audible styles
- TwinLIGHT light effects
- Push-in connection terminals
- 2 year warranty
- Base, tube, bracket and wall mount options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus E164155
- CE

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



Visual Mini 62mm Beacon EvoSIGNAL Selection Chart

Part Number	Price	LED Color	Drawing Link	Description	Voltage	Current	Starting/ Inrush	dB Rating	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	
Mini TwinLIGHT Visual														
26011060	\$4s1x:	Red	PDF	permanent or blinking (1 Hz ON for 420ms)	115–230 VAC	40mA	2.5 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	71 [2.50]	Push-in Terminal 24–16 AWG	
26021060	\$4s1#:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
26031060	\$4s22:	Yellow	PDF											
26041060	\$4s28:	Clear	PDF											
26051060	\$4s2f:	Blue	PDF											
26011074	\$4s1y:	Red	PDF	permanent or blinking (1 Hz ON for 410ms)	12 VAC/ VDC	86mA	1.0 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	71 [2.50]		
26021074	\$4s1!:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
26031074	\$4s23:	Yellow	PDF											
26041074	\$4s29:	Clear	PDF											
26051074	\$4s2g:	Blue	PDF											
26011075	\$4s1z:	Red	PDF	permanent or blinking (1 Hz ON for 470ms)	24 VAC/ VDC	72mA	1.6 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	71 [2.50]		
26021075	\$4s1?:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
26031075	\$4s24:	Yellow	PDF											
26041075	\$4s2a:	Clear	PDF											
26051075	\$4s2h:	Blue	PDF											
Mini TwinLIGHT Combi Visual - Audible														
46011060	\$04s49:	Red	PDF	permanent or blinking (1 Hz ON for 420ms) 2 Tone: Continuous/ Pulse	115–230 VAC	65mA	2.0 A	95dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	78 [0.75]		Push-in Terminal 24-16 AWG
46021060	\$04s4f:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
46031060	\$04s4l:	Yellow	PDF											
46041060	\$04s4t:	Clear	PDF											
46051060	\$04s4j:	Blue	PDF											
46011074	\$04s4a:	Red	PDF	permanent or blinking (1 Hz ON for 410ms) 2 Tone: Continuous/ Pulse	12 VAC/ VDC	98mA	2.0 A	95dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	78 [2.75]		
46021074	\$04s4g:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
46031074	\$04s4n:	Yellow	PDF											
46041074	\$04s4u:	Clear	PDF											
46051074	\$04s4f:	Blue	PDF											
46011075	\$4s4b:	Red	PDF	permanent or blinking (1 Hz ON for 470ms) 2 Tone: Continuous/ Pulse	24 VAC/ VDC	98mA	3.0 A	95dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	78 [2.75]		
46021075	\$4s4h:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
46031075	\$4s4o:	Yellow	PDF											
46041075	\$4s4v:	Clear	PDF											
46051075	\$4s4_:	Blue	PDF											

Requires Mounting Adapter - sold separately



Signal Devices

Visual Mini TwinFLASH 62mm Beacon EvoSIGNAL Series

Features

- Voltage ratings 115–230 VAC, 12 VAC/VDC, 24VAC/VDC
- Available in Visual, Visual-Audible, and Audible styles
- TwinFLASH light effects
- Push-in connection terminals
- 2 year warranty
- Base, tube, bracket and wall mount options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus E164155
- CE

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



26012060

46022060

Visual Mini TwinFLASH 62mm Beacon EvoSIGNAL Series Selection Chart

Part Number	Price	LED Color	Drawing Link	Description	Voltage	Current	Starting/ Inrush	dB Rating	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	
Mini TwinFLASH Visual														
26012060	\$;4s1]:	Red	PDF	double flash (ON 30ms, Off 160ms, ON 30ms, Off 740ms, 1 Hz flash frequency) or EVS (Enhanced Visibility System) flashing (random flashing)	115–230 VAC	40mA	2.5 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	71 [2.50]	Push-in Terminal 24-16 AWG	
26022060	\$;4s1,:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
26032060	\$4s25:	Yellow	PDF								ABS/ Polycarbonate blend, Gray base			
26042060	\$4s2b:	Clear	PDF								ABS/ Polycarbonate blend, Gray base			
26052060	\$-4s2i:	Blue	PDF		12 VAC/ VDC	70mA	1.0 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	71 [2.50]		
26012074	\$;4s1[:	Red	PDF								ABS/ Polycarbonate blend, Gray base			
26022074	\$4s20:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
26032074	\$4s26:	Yellow	PDF								ABS/ Polycarbonate blend, Gray base			
26042074	\$4s2c:	Clear	PDF		24 VAC/ VDC	66mA	1.6 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	71 [2.50]		
26052074	\$-4s2j:	Blue	PDF								ABS/ Polycarbonate blend, Gray base			
26012075	\$4s1_:	Red	PDF								ABS/ Polycarbonate blend, Gray base			
26022075	\$4s21:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
26032075	\$4s27:	Yellow	PDF											
26042075	\$4s2d:	Clear	PDF											
26052075	\$4s2k:	Blue	PDF											
Mini TwinFLASH Combi Visual - Audible														
46012060	\$04s4c:	Red	PDF	double flash (ON 30ms, Off 160ms, ON 30ms, Off 740ms, 1 Hz flash frequency) or EVS (Enhanced Visibility System) flashing (random flashing) 2 Tone: Continuous/ Pulse	115–230 VAC	60mA	2.0 A	95dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	78 [2.75]	Push-in Terminal 24-16 AWG	
46022060	\$-04s4i:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
46032060	\$04s4p:	Yellow	PDF								ABS/ Polycarbonate blend, Gray base			
46042060	\$04s4x:	Clear	PDF								ABS/ Polycarbonate blend, Gray base			
46052060	\$04s4#:	Blue	PDF		12 VAC/ VDC	82mA	2.0 A	95dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	78 [2.75]		
46012074	\$04s4d:	Red	PDF								ABS/ Polycarbonate blend, Gray base			
46022074	\$-04s4j:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
46032074	\$04s4q:	Yellow	PDF								ABS/ Polycarbonate blend, Gray base			
46042074	\$04s4y:	Clear	PDF		24 VAC/ VDC	98mA	3.0 A	95dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	78 [2.75]		
46052074	\$;04s4!:	Blue	PDF								ABS/ Polycarbonate blend, Gray base			
46012075	\$04s4e:	Red	PDF								ABS/ Polycarbonate blend, Gray base			
46022075	\$04s4k:	Green	PDF								ABS/ Polycarbonate blend, Gray base			
46032075	\$04s4s:	Yellow	PDF											
46042075	\$04s4z:	Clear	PDF											
46052075	\$04s4?:	Blue	PDF											

Requires Mounting Adapter - sold separately



Signal Devices

Visual Mini Tricolor 62mm Beacon EvoSIGNAL Series

Features

- Voltage rating 24VAC/VDC
- Push-in connection terminals
- 2 year warranty
- Base, tube, bracket and wall mount options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus file E164155
- CE

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



26043075

Visual Mini Tricolor 62mm Beacon EvoSIGNAL Series Selection Chart

Part Number	Price	Drawing Link	LED Color	Description	Voltage	Current	Starting/ Inrush	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection
26043075	\$4s2e:	PDF	Red / Yellow / Green	permanent	24 VAC/ VDC	83mA	1.6 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap ABS/ Polycarbonate blend, Gray base	71 [2.50]	Push-in Terminal 24-16 AWG

Requires Mounting Adapter - sold separately

Visual Mini Audible Signal Horn 62mm EvoSIGNAL Series

Features

- Voltage ratings 115-230 VAC, 12 VAC/VDC, 24VAC/VDC
- Push-in connection terminals
- 2 year warranty
- 2 Tone continuous or pulse
- Base, tube, bracket and wall mount options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus file E164155
- CE

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



16070060

Visual Mini Audible Signal Horn 62mm EvoSIGNAL Series Selection Chart

Part Number	Price	Drawing Link	Description	Voltage	Current	Starting/ Inrush	dB Rating	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection
16070060	\$4s43:	PDF	2 Tone: 4kHz Continuous/ pulse	115-230 VAC	30mA	3.0 A	95dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	5,000h minimum	Polycarbonate cap ABS/ Polycarbonate blend, Gray base	78 [2.75]	Push-in Terminal 24-16 AWG
16070074	\$4s44:	PDF	2 Tone: 4kHz Continuous/ pulse	12 VAC/ VDC	30mA	0.8 A						
16070075	\$4s45:	PDF	2 Tone: 4kHz Continuous/ pulse	24 VAC/ VDC	40mA	1.6 A						

Requires Mounting Adapter - sold separately



Signal Devices

Visual And Audible-Visual Mini 62mm Beacon EvoSIGNAL Series Accessories

Accessory Overview

The EvoSIGNAL Mini Beacons require a mounting adapter.

Agency Approvals

- cULus E164155
- CE

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

Visual And Audible-Visual Mini 62mm Beacon EvoSIGNAL Series Accessories

Part Number	Price	Drawing Link	Description	Operating Temp /Protection	Housing Material	Weight g [oz]	Agency Approvals
26070001	\$;4s,4:	PDF	WERMA EvoSIGNAL Mini series mounting base adapter, base mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Mini industrial signal beacons, audible-visual signal beacons and audible signal horns.	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	PC/ABS	13 [0.45]	cULus file E164155, RoHS
26070003	\$;4s,5:	PDF	WERMA EvoSIGNAL Mini series mounting adapter, panel mount, M22 x 1.5mm thread type, 62mm diameter, 33mm height, gray, ABS plastic. For use with WERMA EvoSIGNAL Mini industrial signal beacons, audible-visual signal beacons and audible signal horns.			29 [1.02]	
26070004	\$;4s,6:	PDF	WERMA EvoSIGNAL Mini series PG 29 mounting adapter, panel mount, PG29 thread type, gray, ABS plastic. For use with WERMA EvoSIGNAL Mini industrial signal beacons, audible-visual signal beacons and audible signal horns.			32 [1.12]	
26070005	\$;4s,7:	PDF	WERMA EvoSIGNAL Mini series tube adapter, tube mount, 62mm diameter, 60mm height, gray, ABS plastic. For use with WERMA EvoSIGNAL Mini industrial signal beacons, audible-visual signal beacons and audible signal horns.			13 [0.45]	
26070006	\$;4s,8:	PDF	WERMA EvoSIGNAL Mini series mounting bracket adapter with cable gland, wall mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Mini industrial signal beacons, audible-visual signal beacons and audible signal horns.			39 [1.37]	RoHS
26070007	\$;4s,9:	PDF	WERMA EvoSIGNAL Mini series mounting bracket adapter, wall mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Mini industrial signal beacons, audible-visual signal beacons and audible signal horns.			30 [1.05]	cULus file E164155, RoHS



[26070001](#)



[26070003](#)



[26070004](#)



[26070005](#)



[26070006](#)



[26070007](#)



Signal Devices

Visual Midi TwinLIGHT 85mm Beacon EvoSIGNAL Series

The EvoSIGNAL Midi Beacons are a flexible medium-range solution. They are available in TwinLIGHT, TwinFLASH and Rotating Lighting Effects. Visual, Combi - Visual-Audible, TriColor, and Audible Signal Horns.

Features

- Voltage ratings 115–230 VAC, 12/24 VAC/VDC
- Available in Visual, Visual-Audible, and Audible styles
- TwinLIGHT light effects
- Push-in connection terminals
- 2 year warranty
- Base, tube, bracket and wall mount options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus E164155
- CE

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



26111060



46121060

Visual Midi TwinLIGHT 85mm Beacon EvoSIGNAL Series Selection Chart

Part Number	Price	LED Color	Drawing Link	Description	Voltage	Current	Starting/ Inrush	dB Rating	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection
Midi TwinLIGHT Visual													
26111060	\$;04s2l:	Red	PDF	permanent or blinking (1 Hz ON for 420ms)	115–230 VAC	65mA	7.0 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	181 [6.38]	Push-in Terminal 24-16 AWG
26121060	\$;04s2t:	Green	PDF								ABS/ Polycarbonate blend, Gray base		
26131060	\$;04s2j:	Yellow	PDF										
26141060	\$;04s2i:	Clear	PDF										
26151060	\$04s37:	Blue	PDF										
26111070	\$4s2n:	Red	PDF	permanent or blinking (1 Hz ON for 480ms)	12/24 VAC/VDC	175mA	1.0 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	141 [4.97]	
26121070	\$4s2u:	Green	PDF								ABS/ Polycarbonate blend, Gray base	186 [6.56]	
26131070	\$;4s2j:	Yellow	PDF										
26141070	\$4s30:	Clear	PDF										
26151070	\$4s38:	Blue	PDF										
Midi TwinLIGHT Combi Visual- Audible													
46111060	\$;04s4i:	Red	PDF	permanent or blinking (1 Hz ON for 420ms) (10) selectable	115–230 VAC	150mA	7.0 A	110dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	182 [6.41]	Push-in Terminal 24-16 AWG
46121060	\$04s53:	Green	PDF								ABS/ Polycarbonate blend, Gray base	186 [6.38]	
46131060	\$04s57:	Yellow	PDF										
46141060	\$04s5b:	Clear	PDF										
46151060	\$;04s5f:	Blue	PDF										
46111070	\$04s50:	Red	PDF	permanent or blinking (1 Hz ON for 480ms) (10) selectable	12/24 VAC/VDC	290mA	2.5 A	110dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	180 [6.34]	
46121070	\$04s54:	Green	PDF								ABS/ Polycarbonate blend, Gray base	186 [6.38]	
46131070	\$04s58:	Yellow	PDF										
46141070	\$04s5c:	Clear	PDF										
46151070	\$04s5g:	Blue	PDF										

Requires Mounting Adapter - sold separately



Signal Devices

Visual Midi TwinFLASH 85mm Beacon EvoSIGNAL Series

Features

- Voltage ratings 115-230 VAC, 12/24 VAC/VDC
- Available in Visual, Visual-Audible, and Audible styles
- TwinFLASH light effects
- Push-in connection terminals
- 2 year warranty
- Base, tube, bracket and wall mount options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus E164155
- CE

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



26112060



46122060

Visual Midi TwinFLASH 85mm Beacon EvoSIGNAL Series Selection Chart													
Part Number	Price	LED Color	Drawing Link	Description	Voltage	Current	Starting/ Inrush	dB Rating	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection
Midi TwinFLASH Visual													
26112060	\$04s2o:	Red	PDF	double flash (ON 30ms, Off 160ms, ON 30ms, Off 740ms, 1 Hz flash frequency) or EVS (Enhanced Visibility System) flashing (random flashing)	115–230 VAC	100mA	5.5 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap ABS/ Polycarbonate blend, Gray base	159 [5.60]	Push-in Terminal 24-16 AWG
26122060	\$04s2v:	Green	PDF									186 [6.56]	
26132060	\$04s2_:	Yellow	PDF										
26142060	\$04s31:	Clear	PDF										
26152060	\$04s39:	Blue	PDF	double flash (ON 30ms, Off 160ms, ON 30ms, Off 740ms, 1 Hz flash frequency) or EVS (Enhanced Visibility System) flashing (random flashing)	12/24 VAC/ VDC	150mA	1.0 A	–	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap ABS/ Polycarbonate blend, Gray base	148 [5.22]	
26112070	\$04s2p:	Red	PDF									186 [6.56]	
26122070	\$04s2x:	Green	PDF										
26132070	\$04s2#:	Yellow	PDF										
26142070	\$04s32:	Clear	PDF	double flash (ON 30ms, Off 160ms, ON 30ms, Off 740ms, 1 Hz flash frequency) or EVS (Enhanced Visibility System) flashing (random flashing)									
26152070	\$04s3a:	Blue	PDF										
Midi TwinFLASH Combi Visual - Audible													
46112060	\$04s51:	Red	PDF	double flash (ON 30ms, Off 160ms, ON 30ms, Off 740ms, 1 Hz flash frequency) or EVS (Enhanced Visibility System) flashing (random flashing) (10) selectable	115–230 VAC	290mA	7.0 A	110dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap ABS/ Polycarbonate blend, Gray base	195 [6.87]	Push-in Terminal 24-16 AWG
46122060	\$04s55:	Green	PDF									186 [6.56]	
46132060	\$04s59:	Yellow	PDF										
46142060	\$04s5d:	Clear	PDF										
46152060	\$04s5h:	Blue	PDF	double flash (ON 30ms, Off 160ms, ON 30ms, Off 740ms, 1 Hz flash frequency) or EVS (Enhanced Visibility System) flashing (random flashing) (10) selectable	12/24 VAC/ VDC	205mA	2.5 A	110dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap ABS/ Polycarbonate blend, Gray base	186 [6.56]	
46112070	\$04s52:	Red	PDF										
46122070	\$04s56:	Green	PDF										
46132070	\$04s5a:	Yellow	PDF										
46142070	\$04s5e:	Clear	PDF										
46152070	\$-04s5i:	Blue	PDF										

Requires Mounting Adapter - sold separately



Signal Devices

Visual Midi Tricolor 85mm Beacon EvoSIGNAL Series

Features

- Voltage ratings 115–230 VAC, 12/24 VAC/VDC
- Push-in connection terminals
- 2 year warranty
- Base, tube, bracket and wall mount options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus E164155
- CE

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



26143060

Visual Midi Tricolor 85mm Beacon EvoSIGNAL Series Selection Chart

Part Number	Price	LED Color	Drawing Link	Description	Voltage	Current	Starting/ Inrush	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection
26143060	\$04s33:	Red / Yellow / Green	PDF	Permanent	115–230 VAC	50mA	7.0 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	157 [5.53]	Push-in Terminal 24-16 AWG
26143070	\$04s34:	Red / Yellow / Green	PDF	Permanent	12/24 VAC/VDC	135mA	1.0 A			ABS/ Polycarbonate blend, Gray base	143 [5.04]	

Requires Mounting Adapter - sold separately

Visual Midi Rotating 85mm Beacon EvoSIGNAL Series

Features

- Voltage ratings 115–230 VAC, 12/24 VAC/VDC
- Push-in connection terminals
- 2 year warranty
- Base, tube, bracket and wall mount options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus E164155
- CE

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



26114060

Visual Midi Rotating 85mm Beacon EvoSIGNAL Series Selection Chart

Part Number	Price	LED Color	Drawing Link	Description	Voltage	Current	Starting/ Inrush	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	
26114060	\$04s2q:	Red	PDF	Rotating (180 rpm)	115–230 VAC	100mA	7.0 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	180 [6.34]	Push-in Terminal 24-16 AWG	
26124060	\$04s2y:	Green	PDF							ABS/ Polycarbonate blend, Gray base	226 [7.97]		
26134060	\$04s2l:	Yellow	PDF										
26144060	\$04s35:	Clear	PDF										
26154060	\$04s3b:	Blue	PDF										
26114070	\$04s2s:	Red	PDF	Rotating (180 rpm)	12/24 VAC/VDC	120mA	1.0 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	170 [5.99]		
26124070	\$04s2z:	Green	PDF							ABS/ Polycarbonate blend, Gray base	226 [7.97]		
26134070	\$04s2?:	Yellow	PDF										
26144070	\$04s36:	Clear	PDF										
26154070	\$04s3c:	Blue	PDF										

Requires Mounting Adapter - sold separately



Signal Devices

Visual Midi Audible Signal Horn 85mm EvoSIGNAL Series

Features

- Voltage ratings 115–230 VAC, 12/24 VAC/VDC
- Push-in connection terminals
- 2 year warranty
- 10 selectable tones
- Base, tube, bracket and horn mounting options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus file E164155
- CE

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



16170070

Visual Midi Audible Signal Horn 85mm EvoSIGNAL Series Selection Chart

Part Number	Price	Drawing Link	Description	Voltage	Current	Starting/ Inrush	dB Rating	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection
16170060	\$4s46:	PDF	(10) selectable 3.3 kHz	115–230 VAC	105mA	7.0 A	110dB at 1m	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	5,000h minimum	Polycarbonate cap	137 [4.83]	Push-in Terminal 24-16 AWG
16170070	\$4s47:	PDF	(10) selectable 3.3 kHz	12/24 VAC/VDC	83mA	2.5 A				ABS/ Polycarbonate blend, Gray base	178 [6.27]	

Requires Mounting Adapter - sold separately

Midi 85mm Beacon EvoSIGNAL Series Accessories

Accessory Overview

The EvoSIGNAL Midi Beacons require a mounting adapter.

Agency Approvals

- cULus E164155
- CE



26170001



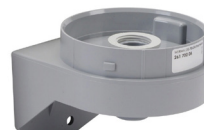
26170002



26170003



26170005



26170006



26170007

Midi 85mm Beacon EvoSIGNAL Series Accessories

Part Number	Price	Drawing Link	Description	Operating Temp /Protection	Housing Material	Weight g [oz]	Cable Entry	Agency Approvals
26170001	\$;4s,a:	PDF	WERMA EvoSIGNAL Midi series mounting base adapter, base mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Midi industrial signal beacons, audible-visual signal beacons and audible signal horns.	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	PC/ABS	40[1.41]	Through Hole	cULus file E164155, RoHS
26170002	\$;4s,b:	PDF	WERMA EvoSIGNAL Midi series mounting base adapter with cable gland, base mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Midi industrial signal beacons, audible-visual signal beacons and audible signal horns.			100 [3.52]	Screwed Cable Gland	RoHS
26170003	\$;4s,c:	PDF	WERMA EvoSIGNAL Midi series mounting bracket adapter with horn, wall mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Midi industrial signal beacons, audible-visual signal beacons and audible signal horns.			136 [4.79]	Membrane Grommet	RoHS
26170005	\$;4s,d:	PDF	WERMA EvoSIGNAL Midi series tube adapter, tube mount, 85mm diameter, 64mm height, gray, ABS plastic. For use with WERMA EvoSIGNAL Midi industrial signal beacons, audible-visual signal beacons and audible signal horns.			59 [2.08]	Through Hole	cULus file E164155, RoHS
26170006	\$;4s,e:	PDF	WERMA EvoSIGNAL Midi series mounting bracket adapter with cable gland, wall mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Midi industrial signal beacons, audible-visual signal beacons and audible signal horns.			87 [3.06]	Screwed Cable Gland	RoHS
26170007	\$;4s,f:	PDF	WERMA EvoSIGNAL Midi series mounting bracket adapter, wall mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Midi industrial signal beacons, audible-visual signal beacons and audible signal horns.			54 [1.90]	Through Hole	cULus file E164155, RoHS

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



Signal Devices

Visual Maxi TwinLIGHT And TwinFLASH 120mm Beacon EvoSIGNAL Series

Maxi 120mm Beacon Overview

The EvoSIGNAL Maxi Beacons are a flexible long-range solution. The Maxi series are generally used for building services engineering, door and gate applications, machinery and plant equipment systems. They are available in TwinLIGHT, TwinFLASH and Rotating lighting effects.

Features

- Voltage ratings 115–230 VAC, 12/24 VAC/VDC
- Available in Visual and Rotating styles
- TwinLIGHT and TwinFLASH light effects
- Push-in connection terminals
- 2 year warranty
- Base, tube, bracket and wall mount options
- Requires mounting adapter - sold separately
- IP66

Agency Approvals

- cULus E164155
- CE

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



26211060

26252070

Visual Maxi 120mm Beacon EvoSIGNAL Series Selection Chart

Part Number	Price	LED Color	Drawing Link	Description	Voltage	Current	Starting/ Inrush	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection
Maxi TwinLIGHT Visual												
26211060	\$04s3d:	Red	PDF	permanent or blinking (1 Hz ON for 480ms)	115–230 VAC	165mA	< 6.0 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	350 [12.34]	Push-in Terminal 24-16 AWG
26221060	\$-04s3j:	Green	PDF							ABS/ Polycarbonate blend, Gray base	505 [17.81]	
26231060	\$04s3q:	Yellow	PDF									
26241060	\$04s3y:	Clear	PDF									
26251060	\$04s3l:	Blue	PDF									
26211070	\$04s3e:	Red	PDF	permanent or blinking (1 Hz ON for 480ms)	12/24 VAC/VDC	700mA	< 1.8 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	346 [12.20]	
26221070	\$04s3k:	Green	PDF							ABS/ Polycarbonate blend, Gray base	348 [12.27]	
26231070	\$04s3s:	Yellow	PDF									
26241070	\$04s3z:	Clear	PDF									
26251070	\$04s3?:	Blue	PDF									
Maxi TwinFLASH Visual												
26212060	;\$04s3f:	Red	PDF	double flash (ON 50ms, Off 100ms, ON 50ms, Off 820ms, 1 Hz flash frequency) or EVS (Enhanced Visibility System) flashing (random flashing)	115–230 VAC	165mA	< 6.0 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	350 [12.34]	Push-in Terminal 24-16 AWG
26222060	\$-04s3l:	Green	PDF							ABS/ Polycarbonate blend, Gray base	505 [17.81]	
26232060	;\$04s3t:	Yellow	PDF									
26242060	;\$04s3j:	Clear	PDF									
26252060	;\$04s3,:	Blue	PDF									
26212070	\$04s3g:	Red	PDF	double flash (ON 50ms, Off 100ms, ON 50ms, Off 820ms, 1 Hz flash frequency) or EVS (Enhanced Visibility System) flashing (random flashing)	12/24 VAC/VDC	760mA	< 1.7 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	348 12.27]	
26222070	\$04s3n:	Green	PDF									
26232070	\$04s3u:	Yellow	PDF									
26242070	;\$04s3j:	Clear	PDF									
26252070	\$04s40:	Blue	PDF									

Requires Mounting Adapter - sold separately



Signal Devices

Visual Rotating Maxi 120mm Beacon EvoSIGNAL Series

Features

- Voltage ratings 115–230 VAC, 12/24 VAC/VDC
- Push-in connection terminals
- Available in Rotating light effects
- 2 year warranty
- Base, bracket and wall mount options
- Require mounting bracket - sold separately
- IP66

Agency Approvals

- cULus E164155
- CE

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



26214060



26224070

Visual Rotating Maxi 120mm Beacon EvoSIGNAL Series Selection Chart												
Part Number	Price	LED Color	Drawing Link	Description	Voltage	Current	Starting/ Inrush	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection
26214060	\$04s3h:	Red	PDF	rotating (180rpm)	115–230 VAC	170mA	< 6.0 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	398 [14.03]	Push-in Terminal 24-16 AWG
26224060	\$04s3o:	Green	PDF							ABS/ Polycarbonate blend, Gray base	408 [14.39]	
26234060	\$04s3v:	Yellow	PDF									
26244060	\$04s3_:	Clear	PDF									
26254060	\$04s41:	Blue	PDF	rotating (180rpm)	12/24 VAC/VDC	550mA	< 1.8 A	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	50,000h minimum	Polycarbonate cap	394 [13.89]	
26214070	\$-04s3i:	Red	PDF							ABS/ Polycarbonate blend, Gray base	408 [14.39]	
26224070	\$04s3p:	Green	PDF									
26234070	\$04s3x:	Yellow	PDF									
26244070	\$04s3#:	Clear	PDF									
26254070	\$04s42:	Blue	PDF									

Requires Mounting Adapter - sold separately



Signal Devices

Maxi 120mm Beacon EvoSIGNAL Series Accessories

Accessory Overview

The EvoSIGNAL Maxi Beacons require a mounting adapter.

Agency Approvals

- cULus E164155
- CE



26270001



26270002



26270006



26270007

Maxi 120mm Beacon EvoSIGNAL Series Accessories

Part Number	Price	Drawing Link	Description	Operating Temp /Protection	Housing Material	Weight g [Oz]	Cable Entry	Agency Approvals
<u>26270001</u>	\$;-4s,g:	PDF	WERMA EvoSIGNAL Maxi series mounting base adapter, base mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Maxi industrial signal beacons.	-22 to 140°F [-30 to 60°C] IP66 UL Type 12	PC/ABS	96 [3.38]	Through Hole	cULus file E164155, RoHS
<u>26270002</u>	\$;-4s,h:	PDF	WERMA EvoSIGNAL Maxi series mounting base adapter with cable gland, base mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Maxi industrial signal beacons.			185 [6.52]	Screwed Cable Gland	RoHS
<u>26270006</u>	\$;-4s,i:	PDF	WERMA EvoSIGNAL Maxi series mounting bracket adapter with cable gland, wall mount, gray, ABS plastic. For use with WERMA EvoSIGNAL Maxi industrial signal beacons.			122 [4.30]	Screwed Cable Gland	RoHS
<u>26270007</u>	\$;-4s,j:	PDF	WERMA EvoSIGNAL Maxi series mounting bracket adapter, gray, ABS plastic. For use with WERMA EvoSIGNAL Maxi industrial signal beacons.			127 [4.47]	Through Hole	cULus file E164155, RoHS

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



WERMA Signaling Overview

Description

WERMA offers a wide range of signaling devices for either installation panel or surface mount applications. Modern designs and the latest LED technology provide exceptionally clear and bright signalling.

Installation Beacon Connections and Audible Signal Devices

WERMA installation beacons are designed for mounting in panels or enclosures. A characteristic of this beacon type is that the rear fixture uses a central nut.

- Permanent, blinking, flashing, or LED beacons
- High protection rating IP65
- Beacons in 29, 57/58, and 75mm beacon diameters
- Audible modules with sight/sound combinations
- Signal modules come in common voltages (24V AC/DC, 115VAC, and 230VAC)
- Five colors
- For installation in 22.5 or 34mm cutouts

Freestanding Beacons

WERMA freestanding beacons offer a range of modules including: permanent, blinking, flashing, LED EVS, and LED rotating.

- Base, bracket or tube mounting
- Incandescent, LED, or Xenon light sources
- High protection rating IP65
- 57/58/75/98mm beacon diameters available
- Tall lens option available
- Signal modules in common voltages (24V AC/DC, 115VAC, and 230VAC)
- Five colors available

Beacon Accessories

Accessories for installation and freestanding beacons:

- Tube adapter, mounting base, surface-mounting enclosures, washers, for installation beacons
- Wire guard, bracket, wall-mount bracket, base and tube, and cable gland for freestanding beacons





How to Select your WERMA Signal Device

STEP 1

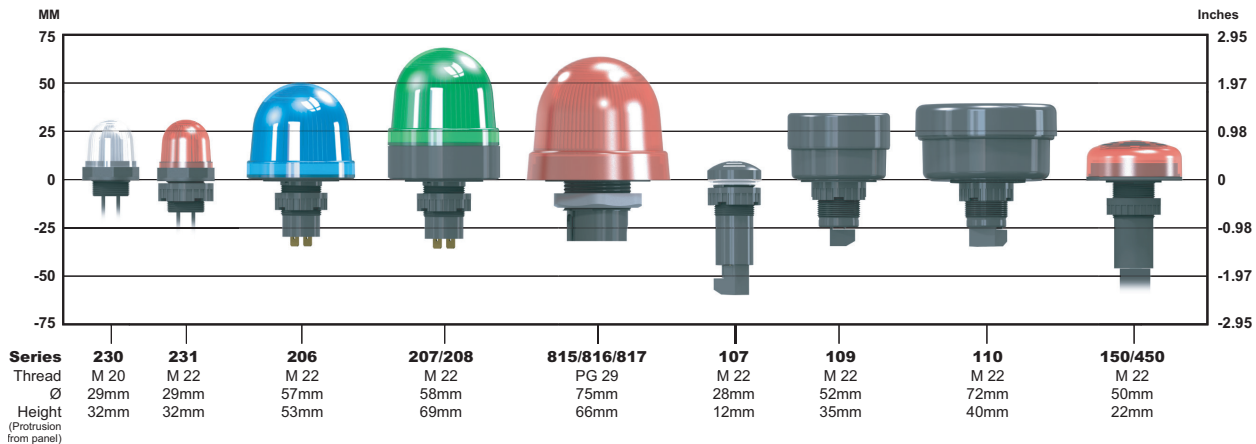
Select the required panel or freestanding beacon or buzzer for your application

STEP 2

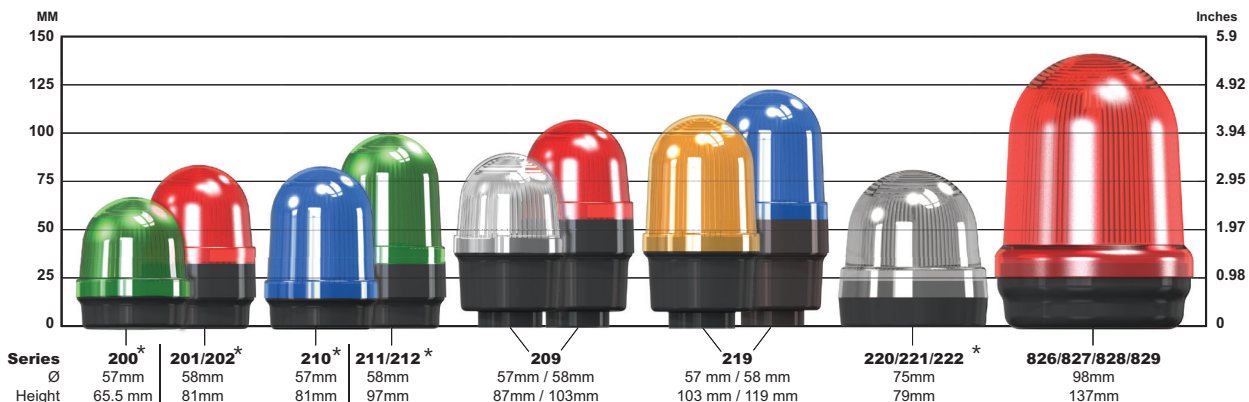
Select the required beacon height/depth for your application from either the panel beacons and buzzers or free-standing beacons.



Installation Beacons and Buzzers



Freestanding Beacons



*Bracket mount also available



How to Select your WERMA Signal Device

STEP 3

Select the correct mount for your application

Panel Mounting

Series: 230, 231, 206, 207, 208

PG 29 Mounting

Series: 815, 816, 817

Base Mounting

Series: 200, 201, 202, 210, 211, 212, 220, 221, 222, 826, 827, 828, 829

Bracket Mounting

Series: 203, 204, 205, 213, 214, 215, 223, 224, 225

Tube Mounting

Series: 209, 219

STEP 4

Where appropriate, select a mounting accessory for your PG29, base-mounted, or tube-mounted beacon.



Anti-twist washer for beacons with 37mm PG29 mounting

Order no. [97581522](#)



Tube adapter for beacons with 37mm PG29 mounting

Order no. [97581201](#)



Galvanized Wire Guard - for use with 826, 827, 828 and 829 series industrial signal beacons

Order no. [97582603](#)



Plastic Bracket for wall mounting - for use with 826, 827, 828 and 829 series industrial signal beacons

Order no. [97582605](#)



Plastic Base with integrated tube for use with 209 and 219 series beacons

Order no. [97520901](#)



Cable gland (M25x1.5, plastic) for use with 209 and 219 series industrial signal beacons

Order no. [97520902](#)



Surface mounting enclosure for 1 beacon with 37mm PG29 mounting

Order no. [97581503](#)



Surface mounting enclosure for 2 beacons with 37mm PG29 mounting

Order no. [97581507](#)



Surface mounting enclosure for 3 beacons with 37mm PG29 mounting

Order no. [97581508](#)



Surface mounting base for beacons with 37mm PG29 mounting

Order no. [97581202](#)

Tube Ø 25mm, all anodized

Order no. [97584510](#)
100mm long [97584025](#)
250mm long [97584040](#)
400mm long [97584060](#)
600mm long [97584080](#)
800mm long [97584003](#)
1000 mm long [97584003](#)



Base for Tube, plastic
Order no. [97584090](#)



Base for Tube, metal
Order no. [97584091](#)



Foldaway Base
Order no. [96000030](#)



Tube Ø 25mm, plastic, only for Foldaway Base, 45mm long
Order no. [96000031](#)



Contact box with a side cable exit
Order no. [97584001](#)



Contact box with magnetic base and side cable exit
Order no. [97584004](#)



Bracket for base mounting with concealed cable entry

Order no. [96000014](#)



Bracket for tube mounting

Order no. [96000001](#)



Signal Devices

Visual 29mm Beacons With Permanent LED Indicator

Features

- High-intensity LED permanent beacon
- Mounting for either 22.5 mm panel mount or M20 thread for use with limit and cable-operated switches
- Lock nut included with 22.5 mm models
- Mostly sideways illumination
- Rubber seal included
- 2-year warranty



Visual 29mm Beacons With Permanent LED Indicator Selection Chart

Part Number	Price	LED Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g[oz]	Connection	Agency Approvals
230 Series 20mm x 1.5 Threaded Base													
23010055	\$-0c#i:	Red	PDF	LED Permanent Light	24VDC	< 45mA	≤ 0.5 A	-4 to 122°F [-20 to 50°C] IP65	up to 100,000h	Polycarbonate cap ABS/ Polycarbonate blend, Black base	12 [0.42]	M20 x 1.5 20.5 mm Threaded base Does not include lock nut 2 wires, approximately 115mm long 20AWG (0.5 mm²)	cULus file E164155, CE, RoHS
23020055	\$00c#k:	Green	PDF										
23030055	\$0c#n:	Yellow	PDF										
23040055	\$0c#p:	Clear	PDF										
23050055	\$0c#s:	Blue	PDF										
23010067	\$-0c#j:	Red	PDF		115VAC	< 15mA	–						
23020067	\$-00c#l:	Green	PDF										
23030067	\$0c#o:	Yellow	PDF										
23040067	\$00c#q:	Clear	PDF										
23050067	\$;00c#t:	Blue	PDF										
231 Series 22.5 mm Panel Mount													
23110055	\$;0c!q:	Red	PDF	LED Permanent Light	24VDC	< 45mA	≤ 0.5 A	-4 to 122°F [-20 to 50°C] IP65	up to 100,000h	Polycarbonate cap ABS/ Polycarbonate blend, Black base	16 [0.56]	M22 x 1.5 22.5 mm Panel mount 2 wires, approximately 105mm long 20AWG (0.5 mm²)	cULus file E164155, CE, RoHS
23120055	\$;00c!t:	Green	PDF										
23130055	\$;0c!v:	Yellow	PDF										
23140055	\$;00c!y:	Clear	PDF										
23150055	\$;0c!j:	Blue	PDF										
23110067	\$;0c!s:	Red	PDF		115VAC	< 15mA	–						
23120067	\$;00c!u:	Green	PDF										
23130067	\$;0c!x:	Yellow	PDF										
23140067	\$;00c!z:	Clear	PDF										
23150067	\$;00c![:	Blue	PDF										

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



Signal Devices

Visual 57/58mm Panel Mount Beacons

Features

- Available in permanent Incandescent or LED, and Xenon flashing models
- 360° visibility
- For use in 22.5 mm standard control panel holes
- Connection by 6.3mm x 0.8mm spades
- Finger-proof when used with insulated spades
- Changeable bulb for incandescent models not included
- Lock nut and rubber seal included
- 2-year warranty



Visual 57/58 mm Beacons 206, 207, 208 Series Selection Chart

Part Number	Price	Lamp Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals	
22.5 mm Panel Mount														
20610000	\$;0cl0:	Red	PDF	Incandescent Permanent Light	max. 48V	Depends on bulb selection. (bulb sold separately)	–	-4 to 122°F [-20 to 50°C] IP65	Depends on bulb selection. (bulb sold separately)	Polycarbonate cap	39 [1.38]	22.5 mm Panel Mount	cULus file E164155, RoHS	
20620000	\$;0cl1:	Green	PDF							Polyamide fiberglass Black base		22.5 mm Panel Mount		
20630000	\$;0cl2:	Yellow	PDF											
20640000	\$;0cl3:	Clear	PDF											
20650000	\$;0cl4:	Blue	PDF											
20710075	\$;0cl6:	Red	PDF	LED Permanent Light	24V AC/DC	< 45mA	≤ 0.5 A	-4 to 122°F [-20 to 50°C] IP65	up to 100,000h	Polycarbonate cap	56 [1.98]	22.5 mm Panel Mount	cULus file E164155, CE, RoHS	
20720075	\$;0cl8:	Green	PDF							Polyamide fiberglass Black base				
20730075	\$;0cl9:	Yellow	PDF											
20740075	\$;0clc:	Clear	PDF											
20750075	\$;0cle:	Blue	PDF											
20710067	\$;0cl5:	Red	PDF		115VAC	< 25mA	–	-4 to 122°F [-20 to 50°C] IP65	up to 100,000h	Polycarbonate cap	56 [1.98]	6.3 mm spade connector		
20720067	\$;0cl7:	Green	PDF							Polyamide fiberglass Black base				
20730067	\$;0cl9:	Yellow	PDF											
20740067	\$;0clb:	Clear	PDF											
20750067	\$;0cld:	Blue	PDF											
20810055	\$;0clf:	Red	PDF	Xenon Flashing Light (0.75 Hz flash frequency)	24VDC	< 100mA	≤ 0.5 A	-4 to 122°F [-20 to 50°C] IP65	4 x 106 flashes	Polycarbonate cap	74 [2.61]	22.5 mm Panel Mount	cULus file E164155, CE, RoHS	
20820055	\$;0clh:	Green	PDF							Polyamide fiberglass Black base				
20830055	\$;0clj:	Yellow	PDF											
20840055	\$;0cli:	Clear	PDF											
20850055	\$;0clo:	Blue	PDF											
20810067	\$;0clg:	Red	PDF		115VAC	< 25mA	–	-4 to 122°F [-20 to 50°C] IP65	4 x 106 flashes	Polycarbonate cap	74 [2.61]	6.3 mm spade connector		
20820067	\$;0cli:	Green	PDF							Polyamide fiberglass Black base				
20830067	\$;0clk:	Yellow	PDF											
20840067	Retired	Clear	PDF											
20850067	\$;0clp:	Blue	PDF											

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



Bulbs for Incandescent Permanent Visual Element

Part Number	Price	Description	Wattage	Voltage	Life Duration
95584035	\$eca:	Bulb for Incandescent Light BA15d Bayonet Socket	5W	24VDC	up to 5,000h



Signal Devices

Visual 75mm Beacons (PG29 Mount)

Features

- Choose from blinking, rotating or permanent LED models, flashing Xenon model, or permanent Incandescent model
- Light-intensive Xenon flash in flash models
- High-impact polycarbonate lens (up to 20 joules)
- Various mounting accessories available
- Bulb not included with incandescent models
- Tamper-proof bulb change via rear access with bayonet mechanism on incandescent bulbs only
- 2-year warranty



Visual 75mm Beacons 815, 816 and 817 Series Selection Chart

Part Number	Price	Color	Drawing Links	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g[oz]	Connection	Agency Approvals	
37mm (PG29 Mount)														
81510000	\$;0c[d:	Red	PDF	Incandescent Permanent Light	12–240V Depends on bulb selection. (bulb sold separately)	Depends on bulb selection. (bulb sold separately)	–	–4 to 140°F [-20 to 60°C] IP65	Up to 5,000h		96 [3.39]			
81520000	\$;0c[e:	Green	PDF											
81530000	\$;0c[f:	Yellow	PDF											
81540000	\$;0c[g:	Clear	PDF											
81550000	\$;0c[h:	Blue	PDF	LED Permanent Light	24V AC/DC	< 45mA	≤ 0.5 A			Polycarbonate cap	107 [3.77]	37mm (PG29) mount		
81610055	\$;-0c[i:	Red	PDF											
81620055	\$;0c[n:	Green	PDF											
81630055	\$;0c[s:	Yellow	PDF											
81640055	\$;00c[x:	Clear	PDF		< 25mA	< 25mA	< 45mA			–				
81650055	\$;00c[:	Blue	PDF											
81610067	\$;-00c[j:	Red	PDF											
81620067	\$;00c[o:	Green	PDF		115 VAC	< 25mA								
81630067	\$;00c[t:	Yellow	PDF											
81640067	\$;00c[y:	Clear	PDF											
81650067	\$;00c[_:	Blue	PDF											
81611055	\$;00c[k:	Red	PDF		LED Blinking Light (1Hz flash frequency)	24V AC/DC	< 25mA					–4 to 122°F [-20 to 50°C] IP65	up to 100,000h	Polycarbonate cap
81621055	\$;00c[p:	Green	PDF											
81631055	\$;00c[u:	Yellow	PDF											
81641055	\$;00c[z:	Clear	PDF											
81651055	\$;00c[#:	Blue	PDF	LED Rotating Light (120 rotations/min flash frequency)	24V AC/DC	< 40mA			ABS/ Polycarbonate base				107 [3.77]	Terminal M3 ≤ 2.5 mm² AWG14
81613055	\$;-00c[l:	Red	PDF											
81623055	\$;00c[q:	Green	PDF											
81633055	\$;00c[v:	Yellow	PDF											
81643055	\$;00c[:	Clear	PDF			< 70mA								
81653055	\$;00c[!:	Blue	PDF											
81710055	\$;00c[?:	Red	PDF											
81720055	\$00c_0:	Green	PDF											
81730055	\$00c_2:	Yellow	PDF	Xenon Flashing Light (1Hz flash frequency)	24VDC	< 125mA			≤ 0.5 A		4,000,000 flashes		116 [4.09]	
81740055	\$00c_4:	Clear	PDF											
81750055	\$00c_6:	Blue	PDF											
81710067	\$;00c[_:	Red	PDF											
81720067	\$00c_1:	Green	PDF		115VAC	< 22mA							108 [3.81]	
81730067	\$00c_3:	Yellow	PDF											
81740067	\$00c_5:	Clear	PDF											
81750067	\$00c_7:	Blue	PDF											

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

Bulbs



Bulbs for Incandescent Permanent Visual Element

Part Number	Price	Description	Wattage	Voltage	Life Duration
95584035	\$eca:	Bulb for Incandescent Light BA15d Bayonet Socket	5W	24VDC	up to 5,000h
95584038	\$ecb:			230VAC	
95584057	\$ecc:			115VAC	



Signal Devices

Visual 57/58mm Base Mount Beacons

Features

- Choose from permanent incandescent, permanent LED, or flashing Xenon model
- Base mount installation
- 57 and 58mm diameters
- Light-intensive Xenon flash in flash models
- Bulb not included on incandescent models
- 2-year warranty



Visual 557/58mm Base Mount Beacons 200, 201 and 202 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals					
35.5 mm Base Mount																		
20010000	\$0c_8:	Red	PDF	Incandescent Permanent Light 57mm	12–240 V AC/DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (Bulb sold separately)	–		up to 5,000h		50 [1.76]							
20020000	\$0c_9:	Green	PDF															
20030000	\$0c_a:	Yellow	PDF															
20040000	\$0c_b:	Clear	PDF															
20050000	\$0c_c:	Blue	PDF	LED Permanent Light 58mm	115VAC	< 25mA	≤ 0.5 A	–4 to 122°F [-20 to 50°C] IP65	up to 100,000h	Polycarbonate cap Polyamide base	66 [2.33]	Up to 2.5 mm² Screwless CAGE CLAMP® - technology (8–14 AWG)	cULus file E164155, CE, RoHS					
20110067	\$0c_d:	Red	PDF															
20120067	\$0c_f:	Green	PDF															
20130067	\$0c_h:	Yellow	PDF															
20140067	\$-00c_j:	Clear	PDF															
20150067	\$-00c_l:	Blue	PDF															
20110075	\$0c_e:	Red	PDF		24V AC/DC	< 45mA								4,000,000 flashes		82 [2.89]		
20120075	\$0c_g:	Green	PDF															
20130075	\$-0c_i:	Yellow	PDF															
20140075	\$00c_k:	Clear	PDF															
20150075	\$00c_n:	Blue	PDF															
20210055	\$00c_o:	Red	PDF	Xenon Flashing Light (0.75 Hz flash frequency, 1W flash energy) 58mm	24VDC	< 100mA	–											
20220055	\$00c_q:	Green	PDF															
20230055	\$,00c_t:	Yellow	PDF															
20240055	\$00c_v:	Clear	PDF															
20250055	\$00c_y:	Blue	PDF															
20210067	\$00c_p:	Red	PDF		115VAC	< 20mA												
20220067	\$00c_s:	Green	PDF															
20230067	\$00c_u:	Yellow	PDF															
20240067	\$00c_x:	Clear	PDF															
20250067	\$00c_z:	Blue	PDF															

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

Bulbs



Bulbs for Incandescent Permanent Visual Element					
Part Number	Price	Description	Wattage	Voltage	Life Duration
95584035	\$eca:	Bulb for Incandescent Light BA15d Bayonet Socket	5W	24VDC	up to 5,000h
95584038	\$ecb:			230VAC	
95584057	\$ecc:			115VAC	



Signal Devices

Visual 57/58mm Bracket Mount Beacons

Features

- Choose from permanent incandescent, permanent LED, or flashing Xenon models
- Bracket mount installation
- 57 and 58mm diameters
- Light-intensive Xenon flash in flash models
- Bulb not included with incandescent models
- 2-year warranty



Visual 57/58mm Bracket Mount Beacons 203, 204, and 205 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals
25.8 mm (Bracket Mount)													
20310000	\$0cxe:	Red	PDF	Incandescent Permanent Light 57mm	12–240V AC/ DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (bulb sold separately)	-		up to 5,000h		55 [1.94]		
20320000	\$,0cxf:	Green	PDF										
20330000	\$0cxg:	Yellow	PDF										
20340000	\$0cxh:	Clear	PDF										
20350000	\$-0cxi:	Blue	PDF	LED Permanent Light 58mm	115VAC	< 25mA	≤ 0.5 A	-4 to 122°F [-20 to 50° C] IP65	up to 100,000h	Polycarbonate cap Polyamide base	72 [2.53]	2.5 mm² Screwless CAGE CLAMP® - technology (18–14 AWG) Cable gland: m12 x1.5 Cable diameter: 3–6 mm	cULus file E164155, CE, RoHS
20410067	\$-0cxj:	Red	PDF										
20420067	Retired	Green	PDF										
20430067	\$0cxo:	Yellow	PDF										
20440067	\$00cxq:	Clear	PDF										
20450067	\$,00cxt:	Blue	PDF										
20410075	\$0cxk:	Red	PDF										
20420075	\$0cxn:	Green	PDF										
20430075	\$0cxp:	Yellow	PDF										
20440075	\$00cxs:	Clear	PDF										
20450075	Retired	Blue	PDF										
20510055	\$00cxv:	Red	PDF	Xenon Flashing Light (1Hz flash frequency, 1W flash energy) 58mm	24VDC	< 100mA	-		4,000,000 flashes		88 [3.10]		
20520055	\$00cxy:	Green	PDF										
20530055	\$,00cxj:	Yellow	PDF										
20540055	\$00cx_:	Clear	PDF										
20550055	\$,00cx!:	Blue	PDF										
20510067	Retired	Red	PDF										
20520067	\$00cxz:	Green	PDF										
20530067	\$,00cx[:	Yellow	PDF										
20540067	\$00cx#:	Clear	PDF										
20550067	\$00cx?:	Blue	PDF										

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

Bulbs



Bulbs for Incandescent Permanent Visual Element					
Part Number	Price	Description	Wattage	Voltage	Life Duration
95584035	\$eca:	Bulb for Incandescent Light BA15d Bayonet Socket	5W	24VDC	up to 5,000h
95584038	\$ecb:			230VAC	
95584057	\$ecc:			115VAC	



Signal Devices

Visual 57/58mm Tube Mount Beacons

Features

- Choose from permanent incandescent, permanent LED, or flashing Xenon models
- Tube mount installation
- 57 and 58mm diameters
- Light-intensive Xenon flash in flash models
- Bulb not included with incandescent models
- Various mounting accessories available
- 2-year warranty



Visual 57/58mm Tube Mount Beacons 209 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals
M25x1.5 (Tube Mount)													
20910000	\$;0cts:	Red	PDF	Incandescent Permanent 57mm	12-240V AC/ DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (Bulb sold separately)	-		up to 5,000h		62 [2.19]		
20920000	\$-0cvi:	Green	PDF										
20930000	\$-0cvi:	Yellow	PDF										
20940000	\$0cvs:	Clear	PDF										
20950000	\$0cvy:	Blue	PDF										
20911067	\$;0ctt:	Red	PDF	LED Permanent Light 58mm	115VAC	< 25mA	< 0.5 A at 24V		up to 100,000h	Polycarbonate cap Polyamide base	78 [2.75]	2.5 mm ² Screwless CAGE CLAMP® - technology (18-14 AWG)	cULus file E164155, CE, RoHS
20921067	\$-0cvj:	Green	PDF										
20931067	\$0cvn:	Yellow	PDF										
20941067	\$;00cvt:	Clear	PDF										
20951067	\$00cvz:	Blue	PDF		24V AC/DC	< 45mA		-4°F to 122°F [-20°C to 50°C] IP65 when mounted					
20911075	Retired	Red	PDF										
20921075	\$0cvk:	Green	PDF										
20931075	\$0cvo:	Yellow	PDF	Xenon Flashing Light (0.75 Hz flash frequency, 1W flash energy) 58mm	24VDC	< 100mA	-		4,000,000 flashes		94 [3.32]		
20941075	\$00cvu:	Clear	PDF										
20951075	\$;00cvj:	Blue	PDF										
20912055	\$00cvg:	Red	PDF		115VAC	< 20mA							
20932055	\$00cvp:	Yellow	PDF										
20942055	\$00cvt:	Clear	PDF										
20952055	\$;00cvj:	Blue	PDF										
20912067	\$00cvh:	Red	PDF										
20932067	\$00cvq:	Yellow	PDF										
20942067	\$00cvx:	Clear	PDF										
20952067	\$00cv_:	Blue	PDF										

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

Bulbs



Bulbs for Incandescent Permanent Visual Element					
Part Number	Price	Description	Wattage	Voltage	Life Duration
95584035	\$eca:	Bulb for Incandescent Light BA15d Bayonet Socket	5W	24VDC	up to 5,000h
95584038	\$ecb:			230VAC	
95584057	\$ecc:			115VAC	



Signal Devices

Visual 57/58 mm Base Mount Beacons (Tall Lens)

Features

- Beacon with tall lens
- Base mount installation
- Choose from permanent incandescent, permanent LED, or flashing Xenon models
- 57 and 58mm diameters
- Light-intensive Xenon flash in flash models
- Bulb not included with incandescent models
- 2-year warranty



Visual 57/58mm Base Mount Beacons 210, 211, and 212 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals						
35.5 mm (Base Mount)																			
21010000	\$;0c_:	Red	PDF	Incandescent Permanent Light 57mm	12–240V AC/DC max Depends on bulb selection. (Bulb sold separately)	Depends on bulb selection. (Bulb sold separately)	-	-4 to 122°F [-20 to 50°C] IP65 when mounted	up to 5,000h	Polycarbonate cap Polyamide base	55 [1.94]	2.5 mm² Screwless CAGE CLAMP® - technology (18–14 AWG)	cULus file E164155, CE, RoHS						
21020000	\$;0c_:	Green	PDF																
21030000	\$0c_:	Yellow	PDF																
21040000	\$0c_#:	Clear	PDF																
21050000	\$;0c_!:	Blue	PDF	LED Permanent Light 58mm	115VAC	< 25mA	≤ 0.5 A		up to 100,000h		72 [2.53]			2.5 mm² Screwless CAGE CLAMP® - technology (18–14 AWG)	cULus file E164155, CE, RoHS				
21110067	\$0c_?:	Red	PDF																
21120067	\$0c#0:	Green	PDF																
21130067	\$0c#2:	Yellow	PDF																
21140067	\$00c#4:	Clear	PDF		24V AC/DC	< 45mA													
21150067	\$00c#6:	Blue	PDF																
21110075	\$;0c_:	Red	PDF																
21120075	\$0c#1:	Green	PDF																
21130075	\$0c#3:	Yellow	PDF	Xenon Flashing Light (0.75 Hz flash frequency, 1W flash energy) 58mm	24VDC	< 100mA	-		4,000,000 flashes		88 [3.10]			cULus file E164155, CE, RoHS					
21140075	\$00c#5:	Clear	PDF																
21150075	\$00c#7:	Blue	PDF																
21210055	Retired	Red	PDF		115VAC	< 20mA													
21220055	\$00c#a:	Green	PDF																
21230055	\$00c#c:	Yellow	PDF																
21240055	\$00c#e:	Clear	PDF																
21250055	\$00c#g:	Blue	PDF																
21210067	Retired	Red	PDF																
21220067	\$00c#b:	Green	PDF																
21230067	\$00c#d:	Yellow	PDF																
21240067	\$;00c#f:	Clear	PDF																
21250067	\$00c#h:	Blue	PDF																

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

Bulbs



Bulbs for Incandescent Permanent Visual Element

Part Number	Price	Description	Wattage	Voltage	Life Duration
95501535	\$ec4:	Bulb for Incandescent Light BA15d Bayonet Socket	7W	24V AC/DC	up to 5,000h
95501537	\$ec5:			115VAC	
95501538	\$ec6:			230VAC	



Signal Devices

Visual 57/58 mm Bracket Mount Beacons (Tall Lens)

Features

- Beacon with tall lens
- Bracket mount installation
- Choose from permanent incandescent, permanent LED, or flashing Xenon models
- 57 and 58mm diameters
- Light-intensive Xenon flash in flash models
- Bulb not included with incandescent models
- 2-year warranty



Visual 57/58mm Bracket Mount Beacons (Tall Lens) 213, 214, and 215 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals
25.8 mm (Bracket Mount)													
21310000	\$0cx,:	Red	PDF	Incandescent Permanent Light 57mm	12–240V AC/DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (Bulb sold separately)	-		up to 5,000h		61 [2.15]		
21320000	\$0cy0:	Green	PDF										
21330000	\$0cy1:	Yellow	PDF										
21340000	\$0cy2:	Clear	PDF										
21350000	\$0cy3:	Blue	PDF										
21410067	\$0cyv:	Red	PDF	LED Permanent Light 58mm	115VAC	< 25mA	≤ 0.5 A	-4 to 122°F [-20 to 50°C] IP65 when mounted	up to 100,000h	Polycarbonate cap Polyamide base	78 [2.75]	2.5 mm ² Screwless CAGE CLAMP® - technology (18–14 AWG) Cable gland: m12 x1.5 Cable diameter: 3–6 mm	cULus file E164155, CE, RoHS
21420067	\$0cyy:	Green	PDF										
21430067	\$0cyj:	Yellow	PDF										
21440067	\$0cy_:	Clear	PDF										
21450067	\$00cyl:	Blue	PDF										
21410075	\$0cyx:	Red	PDF	Xenon Flashing Light (1Hz flash frequency, 1W flash energy) 58mm	24VDC	< 100mA	-		4,000,000 flashes		94 [3.32]		
21420075	\$0cyz:	Green	PDF										
21430075	\$0cyj:	Yellow	PDF										
21440075	\$00cy#:	Clear	PDF										
21450075	\$00cy?:	Blue	PDF										
21510055	\$00cy:	Red	PDF	Xenon Flashing Light (1Hz flash frequency, 1W flash energy) 58mm	115VAC	< 20mA	-						
21520055	Retired	Green	PDF										
21530055	\$00cz3:	Yellow	PDF										
21540055	\$00cz5:	Clear	PDF										
21550055	\$00cz7:	Blue	PDF										
21510067	\$00cz0:	Red	PDF	Xenon Flashing Light (1Hz flash frequency, 1W flash energy) 58mm	115VAC	< 20mA	-						
21520067	\$00cz2:	Green	PDF										
21530067	\$00cz4:	Yellow	PDF										
21540067	\$00cz6:	Clear	PDF										
21550067	\$00cz8:	Blue	PDF										

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

Bulbs



Bulbs for Incandescent Permanent Visual Element					
Part Number	Price	Description	Wattage	Voltage	Life Duration
95501535	\$ec4:	Bulb for Incandescent Light BA15d Bayonet Socket	7W	24V AC/DC	up to 5,000h
95501537	\$ec5:			115VAC	
95501538	\$ec6:			230VAC	



Signal Devices

Visual 57/58 mm Tube Mount Beacons (Tall Lens)

Features

- Beacon with tall lens
- Choose from permanent incandescent, permanent LED, or flashing Xenon models
- Tube mount installation 57 and 58 mm diameters
- Light-intensive Xenon flash in flash models
- Bulb not included with incandescent models
- Various mounting accessories available
- 2-year warranty



Visual 57/58 mm Tube Mount Beacons (Tall Lens) 219 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals
M25x1.5 (Tube Mount)													
21910000	\$0cv#:	Red	PDF	Incandescent Permanent Light 57mm	12–240V AC/DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (Bulb sold separately)	-		up to 5,000h	Polycarbonate cap Polyamide base	67 [2.37]		
21920000	\$0cx1:	Green	PDF										
21930000	\$0cx4:	Yellow	PDF										
21940000	\$0cx9:	Clear	PDF										
21950000	\$0cvb:	Blue	PDF	LED Permanent Light 58mm	115VAC	< 25mA	≤ 0.5A	-4 to 122°F [-20 to 50°C] IP65 when mounted	up to 100,000h		84 [2.96]	Max. 2.5 mm² Screwless CAGE CLAMP® - technology (18–14 AWG)	cULus file E164155, CE, RoHS
21911067	\$;0cvl:	Red	PDF										
21921067	\$0cx2:	Green	PDF										
21931067	\$0cx5:	Yellow	PDF										
21941067	\$00cxa:	Clear	PDF										
21951067	\$00cvc:	Blue	PDF										
21911075	Retired	Red	PDF										
21921075	\$0cx3:	Green	PDF										
21931075	\$0cx6:	Yellow	PDF										
21941075	\$00cxb:	Clear	PDF										
21951075	\$00cvd:	Blue	PDF	Xenon Flashing Light (1Hz flash frequency, 1W flash energy)	24VDC	< 100mA	-		4,000,000 flashes		100 [3.52]		
21912055	\$;00cv:	Red	PDF										
21932055	\$00cx7:	Yellow	PDF										
21942055	\$00cxc:	Clear	PDF										
21952055	\$00cve:	Blue	PDF										
21912067	\$00cx0:	Red	PDF										
21932067	\$00cx8:	Yellow	PDF										
21942067	\$00cxd:	Clear	PDF										
21952067	\$;00cvf:	Blue	PDF	58mm	115VAC	< 20mA							

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

Bulbs



Bulbs for Incandescent Permanent Visual Element					
Part Number	Price	Description	Wattage	Voltage	Life Duration
95501535	\$ec4:	Bulb for Incandescent Light BA15d Bayonet Socket	7W	24V AC/DC	up to 5,000h
95501537	\$ec5:			115VAC	
95501538	\$ec6:			230VAC	



Signal Devices

Visual 75mm Base Mount Beacons

Features

- Choose from permanent incandescent, permanent LED, or flashing Xenon models
- 75mm diameter
- Base mount installation
- Through-hole, cable diameter maximum 10mm
- Light-intensive Xenon flash in flash models
- Bulb not included with incandescent models
- Various mounting accessories available
- 2-year warranty



Visual 75mm Base Mount Beacons 220, 221, and 222 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals			
48mm (Base Mount)																
22010000	\$0cz9:	Red	PDF	Incandescent Permanent Light	12–240V AC/DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (Bulb sold separately)	-	-4 to 122°F [-20 to 50°C] IP65 when mounted	up to 5,000h	Polycarbonate cap Polyamide base	97 [3.42]		cULus file E164155, CE, RoHS			
22020000	\$0cza:	Green	PDF													
22030000	\$0czb:	Yellow	PDF													
22040000	\$0czc:	Clear	PDF													
22050000	\$0czd:	Blue	PDF													
22110067	\$00cze:	Red	PDF	LED Permanent Light	115VAC	< 25mA	0.5A		up to 100,000h		106 [3.74]			Max. 2.5 mm ² Screwless CAGE CLAMP® - technology (18–14 AWG)		
22120067	Retired	Green	PDF													
22130067	\$-00czi:	Yellow	PDF													
22140067	\$00czk:	Clear	PDF													
22150067	\$00czi:	Blue	PDF													
22110075	Retired	Red	PDF		24V AC/DC	< 45mA	-				4,000,000 flashes				151 [5.33]	
22120075	\$0czh:	Green	PDF													
22130075	\$-0czj:	Yellow	PDF													
22140075	\$-00czi:	Clear	PDF													
22150075	\$00czo:	Blue	PDF													
22210055	Retired	Red	PDF	Xenon Flashing Light (1Hz flash frequency, 1W flash energy)	24VDC	< 100mA	-		4,000,000 flashes		151 [5.33]					
22220055	\$00czs:	Green	PDF													
22230055	\$,00c[7:	Yellow	PDF													
22240055	\$,00c[9:	Clear	PDF													
22250055	\$,00c[b:	Blue	PDF													
22210067	Retired	Red	PDF		115VAC	< 20mA								-	4,000,000 flashes	151 [5.33]
22220067	\$,00czt:	Green	PDF													
22230067	\$,00c[8:	Yellow	PDF													
22240067	\$,00c[a:	Clear	PDF													
22250067	\$,00c[c:	Blue	PDF													

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

Bulbs



Bulbs for Incandescent Permanent Visual Element					
Part Number	Price	Description	Wattage	Voltage	Life Duration
95501535	\$ec4:	Bulb for Incandescent Light BA15d Bayonet Socket	7W	24V AC/DC	up to 5,000h
95501537	\$ec5:			115VAC	
95501538	\$ec6:			230VAC	



Signal Devices

Visual 75mm Bracket Mount Beacons

Features

- Choose from permanent incandescent, permanent LED, or flashing Xenon models
- 75mm diameter
- Bracket mount installation
- Light-intensive Xenon flash in flash models
- Bulb not included with incandescent models
- Various mounting accessories available
- 2-year warranty



Visual 75mm Bracket Mount Beacons 223, 224, and 225 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals							
48mm (Bracket Mount)																				
22310000	\$0cy4:	Red	PDF	Incandescent Permanent Light	12–240V AC/DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (bulb sold separately)	-		up to 5,000h		103 [3.63]									
22320000	\$0cy5:	Green	PDF																	
22330000	\$0cy6:	Yellow	PDF																	
22340000	\$0cy7:	Clear	PDF																	
22350000	\$0cy8:	Blue	PDF	LED Permanent Light	115VAC	< 25mA	≤ 0.5 A	-4 to 122°F [-20 to 50°C] IP65 when mounted	up to 100,000h	Polycarbonate cap Polyamide base	142 [5.01]	2.5 mm² Screwless CAGE CLAMP® - technology (18–14 AWG) Cable gland: m12 x1.5 Cable diameter: 3–6 mm	cULus file E164155, CE, RoHS							
22410067	\$00cy9:	Red	PDF																	
22420067	\$00cyb:	Green	PDF																	
22430067	\$00cyd:	Yellow	PDF																	
22440067	\$;00cyf:	Clear	PDF		24V AC/DC	< 45mA					144 [5.08]									
22450067	\$00cyh:	Blue	PDF																	
22410075	\$0cya:	Red	PDF																	
22420075	\$0cyc:	Green	PDF																	
22430075	\$0cye:	Yellow	PDF	Xenon Flashing Light (0.75 Hz flash frequency, 1W flash energy)	24VDC	< 100mA	-		4,000,000 flashes		151 [5.33]									
22440075	\$00cyg:	Clear	PDF																	
22450075	\$-00cyi:	Blue	PDF																	
22510055	\$-00cyj:	Red	PDF		115VAC	< 20mA														
22520055	\$-00cyl:	Green	PDF																	
22530055	\$00cyo:	Yellow	PDF																	
22540055	\$00cyq:	Clear	PDF																	
22550055	\$;00cyt:	Blue	PDF																	
22510067	\$00cyk:	Red	PDF	Retired	115VAC	< 20mA														
22520067	\$00cyn:	Green	PDF																	
22530067	\$00cyp:	Yellow	PDF																	
22540067	Retired	Clear	PDF																	
22550067	\$00cyu:	Blue	PDF																	

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

Bulbs



Bulbs for Incandescent Permanent Visual Element					
Part Number	Price	Description	Wattage	Voltage	Life Duration
95501535	\$ec4:	Bulb for Incandescent Light BA15d Bayonet Socket	7W	24V AC/DC	up to 5,000h
95501537	\$ec5:			115VAC	
95501538	\$ec6:			230VAC	



Signal Devices

Visual 98mm Base Mount Beacons

Features

- Choose from permanent incandescent, permanent LED, flashing Xenon, EVS (Enhanced Visibility System) flashing LED, and rotating models
- Base mount installation
- 98mm diameter
- Light-intensive Xenon flash in flash models
- Bulb not included with 826 incandescent models
- 25W bulb included with 827 incandescent models
- Various mounting accessories available
- 2-year warranty



Visual 98mm Base Mount Beacons 826, 827, and 828 Series Selection Chart

Part Number	Price	Color	Drawing link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals			
74mm Base Mount																
82610000	\$0czu:	Red	PDF	Incandescent Permanent Light 98mm	12–240V AC/DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (bulb sold separately)	-	-4 to 122°F [-20 to 50°C] IP65 when mounted	Up to 5,000h	Polycarbonate cap Polycarbonate/ ABS base	180 [6.35]	Terminal screws Max 2.5 mm² AWG 16–14 Cable diameter 5–8 mm	cULus file E164155, CE, RoHS			
82620000	\$0czv:	Green	PDF													
82630000	\$0czx:	Yellow	PDF													
82640000	\$0czy:	Clear	PDF													
82650000	\$0czz:	Blue	PDF													
82710075	\$;00czj:	Red	PDF	Incandescent Blinking Light (1.5 Hz blinking frequency, 5Ws flash energy) 98mm	24V AC/DC	max. 3.0 A	≤ 3.0 A		4,000,000 flashes	207 [7.30]						
82720075	\$00cz_:	Green	PDF													
82730075	Retired	Yellow	PDF													
82740075	\$;00cz,:	Clear	PDF													
82750075	\$;00cj1:	Blue	PDF													
82710077	Retired	Red	PDF	Xenon Flashing Light (1Hz flash frequency, 1W flash energy) 98mm	115V AC/DC	max. 500mA										
82720077	\$00cz#:	Green	PDF													
82730077	\$00cz?:	Yellow	PDF													
82740077	\$;00cj0:	Clear	PDF													
82750077	\$;00cj2:	Blue	PDF													
82810055	\$;00cj3:	Red	PDF		24VDC	300mA					220 [7.76]					
82820055	\$;00cj5:	Green	PDF													
82830055	Retired	Yellow	PDF													
82840055	\$;00cj9:	Clear	PDF													
82850055	\$;00cjb:	Blue	PDF													
82810067	Retired	Red	PDF	115VAC	65mA 50–60 Hz											
82820067	\$;00cj6:	Green	PDF													
82830067	\$;00cj8:	Yellow	PDF													
82840067	\$;00cja:	Clear	PDF													
82850067	\$;00cjc:	Blue	PDF													

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

Bulbs



[95582635](#)

Bulbs						
Part Number	Price	Description	Wattage	Voltage	For Use With	Life Duration
95582635	\$ec7:	Bulb for incandescent light BA15d bayonet socket	15W	24V AC/DC	826xxxxx	up to 5,000h
95582637	\$ec8:			115VAC		
95582638	\$ec9:			230VAC		
95582735	\$;?b:	Bulb for blinking incandescent light B15d bayonet socket	25W	24V AC/DC	827xxxxx	up to 2,000h
95582737	\$?c0:			115VAC		
95588524	\$0?c1:	Halogen bulb G6.35	20W	12V	885xxx78	
95588525	\$0?c2:			24V	885xxx75	



[95582735](#)



[95588524](#)



Signal Devices

Visual 98mm Base Mount Beacons

Visual 98mm Base Mount Beacons 829 Series Selection Chart																				
Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals							
74mm (Base Mount)																				
82910055	\$;00cjd:	Red	PDF	Permanent/ Blinking LED (blinking frequency 1.5 Hz) 98mm	24VDC	≤ 150mA					200 [7.05]									
82920055	\$;00cjn:	Green	PDF																	
82930055	\$;00cjt:	Yellow	PDF																	
82950055	\$;00c2:	Blue	PDF																	
82911055	Retired	Red	PDF	Rotating LED 98mm	24VDC	≤ 170mA	< 500mA			Polycarbonate cap Polycarbonate/ ABS base	215 [7.58]	Terminal screw ≤ 2.5 mm² AWG 16–14 Cable diameter 5–7 mm	cULus file E164155, CE, RoHS							
82921055	\$;00cjo:	Green	PDF																	
82931055	\$;00cju:	Yellow	PDF																	
82941055	\$;00c#:	Clear	PDF																	
82951055	\$;00c3:	Blue	PDF		115–230 VAC	≤ 200mA					205 [7.23]									
82911068	\$;00cjf:	Red	PDF																	
82921068	\$;00cjp:	Green	PDF																	
82931068	\$;00cjr:	Yellow	PDF																	
82941068	\$;00cjl:	Clear	PDF	Double Flash LED 98mm	24VDC	≤ 100mA		-4 to 122°F [-20 to 50°C] IP65 when mounted	up to 50,000h		205 [7.23]									
82951068	\$;00c4:	Blue	PDF																	
82912055	Retired	Red	PDF		115–230 VAC	≤ 100mA					200 [7.05]									
82932055	\$;00cx:	Yellow	PDF																	
82942055	\$;00c?:	Clear	PDF	Permanent LED 98mm	115VAC	≤ 30mA	≤ 500mA				205 [7.23]	Terminal screws ≤ 2.5 mm² AWG 24–11 Cable diameter 5–7 mm								
82912068	\$;00cjh:	Red	PDF																	
82932068	\$;00cyj:	Yellow	PDF																	
82942068	\$;00cj:	Clear	PDF																	
82913067	\$;-00cji:	Red	PDF	Permanent LED 98mm	24VDC	≤ 300mA	< 500mA				215 [7.23]	Terminal screws ≤ 2.5 mm² AWG 24–11 Cable diameter 5–7 mm								
82923067	\$;00cjq:	Green	PDF																	
82933067	\$;00cjr:	Yellow	PDF																	
82953067	\$;00c5:	Blue	PDF																	
82915055	\$;-00cjj:	Red	PDF	Permanent/ blinking / rotating LED 98mm	24VDC	≤ 300mA	< 500mA				205 [7.23]	Terminal screws ≤ 2.5 mm² AWG 24–11 Cable diameter 5–7 mm								
82925055	\$;00cjs:	Green	PDF																	
82935055	Retired	Yellow	PDF																	
82955055	\$;00c6:	Blue	PDF																	
82919055	\$;00cjk:	Red	PDF	*Enhanced Visibility System (EVS) flashing LED 98mm	24VDC						215 [7.58]	Terminal screws ≤ 2.5 mm² AWG 16–14 Cable diameter 5–7 mm								
82939055	\$;00cl:	Yellow	PDF																	
82949055	\$;00c0:	Clear	PDF		115–230 VAC	≤ 150mA														
82919068	\$;-00cjl:	Red	PDF																	
82939068	\$;00c_:	Yellow	PDF																	
82949068	\$;00c1:	Clear	PDF																	

*EVS models provide a random flash pattern for increased visibility.

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

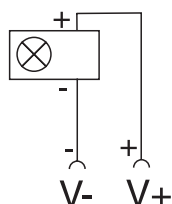


Signal Devices

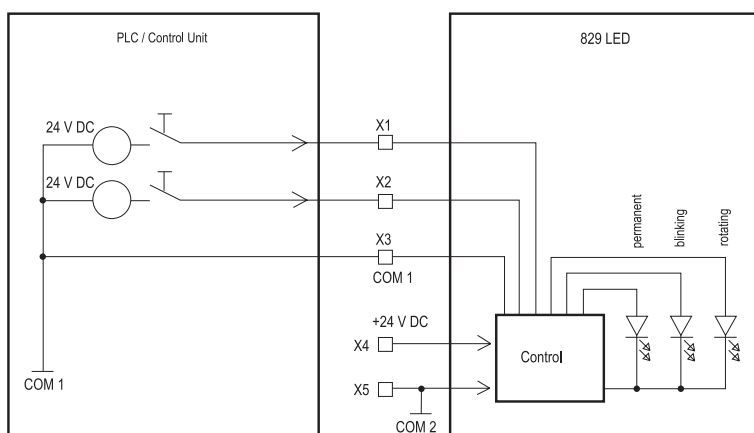
Visual 98mm Base Mount Beacons

Schematics

**826, 827, 828, Series and All 829s except:
82915055, 82925055, 82935055, 82955055**



**Permanent/Blinking/Rotating LED:
82915055, 82925055, 82935055, 82955055**



With positive logic	
X1	1 = +24 V, 0 = COM 1
X2	1 = +24 V, 0 = COM 1
X3	COM 1
X4	+24 V
X5	COM 2
With negative logic	
X1	1 = -24 V, 0 = COM 1
X2	1 = -24 V, 0 = COM 1
X3	COM 1
X4	+24 V
X5	COM 2

Binary Code (for external triggering)

X1	X2	mode
0	0	Permanent ON/Solid
0	1	Rotating
1	0	Blinking
1	1	Permanent ON/Solid



Signal Devices

Visual 98mm Tube Mount Beacons

Features

- Choose from permanent incandescent, permanent LED, flashing Xenon, EVS (Enhanced Visibility System) flashing LED, and rotating models
- Tube mount installation
- 98mm diameter
- Light-intensive Xenon flash in flash models
- Bulb not included with 826 incandescent models
- Various mounting accessories available
- 2-year warranty



Visual 98mm Tube Mount Beacons 826 and 828 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g[oz]	Connection	Agency Approvals
M25x1.5 (Tube Mount)													
82611000	\$0?aa:	Red	PDF	Incandescent Permanent Light 98mm	12-240V AC/DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (bulb sold separately)	-	-4 to 122°F [-20 to 50°C] IP65 when mounted	Up to 5,000h	Polycarbonate cap Polycarbonate/ABS base	231 [8.15]	Terminal screws Max 1.5 mm² Cable diameter 5-7 mm	cULus file E164155, CE, RoHS
82621000	\$0?af:	Green	PDF										
82631000	\$0?ag:	Yellow	PDF										
82641000	\$0?ah:	Clear	PDF										
82651000	\$-0?ai:	Blue	PDF	Xenon Flashing Light (1Hz flash frequency, 1W flash energy) 98mm	24VDC	300mA	-	-4 to 122°F [-20 to 50°C] IP65 when mounted	Min 4,000,000 flashes	Polycarbonate cap Polycarbonate/ABS base	272 [9.59]	Terminal screws Max 2.5 mm² Cable diameter 5-7 mm	
82814055	\$-00?aj:	Red	PDF										
82824055	\$-00?al:	Green	PDF										
82834055	\$00?ao:	Yellow	PDF										
82844055	\$00?aq:	Clear	PDF										
82854055	\$;00?at:	Blue	PDF		115VAC	65mA 50-60 Hz	-	-4 to 122°F [-20 to 50°C] IP65 when mounted	Min 4,000,000 flashes	Polycarbonate cap Polycarbonate/ABS base	262 [9.24]	Terminal screws Max 2.5 mm² Cable diameter 5-7 mm	
82814067	\$00?ak:	Red	PDF										
82824067	\$00?an:	Green	PDF										
82834067	\$00?ap:	Yellow	PDF										
82844067	Retired	Clear	PDF										
82854067	\$00?au:	Blue	PDF										

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

Bulbs



[95582635](#)

Bulbs						
Part Number	Price	Description	Wattage	Voltage	For Use With	Life Duration
95582635	\$ec7:	Bulb for incandescent light BA15d bayonet socket	15W	24V AC/DC	826xxxxx	up to 5,000h
95582637	\$ec8:			115VAC		
95582638	\$ec9:			230VAC		
95588524	\$0?c1:	Halogen bulb G6.35	20W	12V	885xxx78	Up to 2,000h
95588525	\$0?c2:			24V	885xxx75	



[95588524](#)



Signal Devices

Visual 98mm Tube Mount Beacons

Visual 98mm Tube Mount Beacons 829 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g[oz]	Connection	Agency Approvals					
M25x1.5 (Tube Mount)																		
82910755	\$00?av:	Red	PDF	Permanent/ Blinking LED (blinking frequency 1.5 Hz)	24VDC	≤ 150mA	≤ 500mA	-4 to 122°F [-20 to 50°C]	up to 50,000h	Polycarbonate cap Polycarbonate/ ABS base	246 [8.68]	Terminal screws ≤ 2.5 mm² Cable diameter 5–7 mm	cULus file E164155, CE, RoHS					
82920755	\$00?a?:	Green	PDF					IP65 when mounted										
82930755	\$00?b3:	Yellow	PDF															
82950755	\$-00?bi:	Blue	PDF															
82911755	\$00?ax:	Red	PDF	Rotating LED 98mm	24VDC	≤ 170mA	≤ 500mA	-4 to 122°F [-20 to 50°C]	up to 50,000h	Polycarbonate cap Polycarbonate/ ABS base	259 [9.14]	Terminal screws ≤ 2.5 mm² Cable diameter 5–7 mm						
82921755	\$.00?a,:	Green	PDF					IP65 when mounted										
82931755	\$00?b4:	Yellow	PDF															
82941755	\$00?bc:	Clear	PDF															
82951755	Retired	Blue	PDF		115–230 VAC	≤ 200mA	≤ 500mA											
82911768	\$00?ay:	Red	PDF															
82921768	\$00?b0:	Green	PDF															
82931768	\$00?b5:	Yellow	PDF															
82941768	\$00?bd:	Clear	PDF															
82951768	\$00?bk:	Blue	PDF															
82912755	Retired	Red	PDF	Double Flash LED 98mm	24VDC	≤ 30mA	≤ 500mA	-4 to 122°F [-20 to 50°C]	up to 50,000h	Polycarbonate cap Polycarbonate/ ABS base	257 [9.07]	Terminal screws ≤ 2.5 mm² Cable diameter 5–7 mm						
82932755	\$00?b6:	Yellow	PDF					IP65 when mounted										
82942755	\$00?be:	Clear	PDF		115–230 VAC	≤ 120mA	≤ 500mA											
82912768	\$.00?a]:	Red	PDF															
82932768	\$00?b7:	Yellow	PDF															
82942768	\$.00?bf:	Clear	PDF															
82913767	\$.00?a[:	Red	PDF	Permanent LED 98mm	115VAC	≤ 30mA	≤ 500mA	-4 to 122°F [-20 to 50°C]	up to 50,000h	Polycarbonate cap Polycarbonate/ ABS base	251 [8.85]	Terminal screws ≤ 2.5 mm² Cable diameter 5–7 mm						
82923767	\$00?b1:	Green	PDF					IP65 when mounted										
82933767	\$00?b8:	Yellow	PDF															
82953767	\$-00?bl:	Blue	PDF															
82915755	\$00?a_:	Red	PDF	Permanent/ blinking / rotating LED 98mm	24VDC	≤ 300mA	≤ 500mA	-4 to 122°F [-20 to 50°C]	up to 50,000h	Polycarbonate cap Polycarbonate/ ABS base	256 [9.03]	Terminal screws ≤ 2.5 mm² AWG 22–14 Cable diameter 5–7 mm						
82925755	\$00?b2:	Green	PDF															
82935755	\$00?b9:	Yellow	PDF															
82955755	\$00?bn:	Blue	PDF															
82919755	\$00?a#:	Red	PDF	*Enhanced Visibility System (EVS) flashing LED 98mm	24VDC	≤ 300mA	< 500mA	-4 to 122°F [-20 to 50°C]	up to 50,000h	Polycarbonate cap Polycarbonate/ ABS base	256 [9.03]	Terminal screws ≤ 2.5 mm² AWG 22–14 Cable diameter 5–7 mm						
82939755	\$00?ba:	Yellow	PDF					115–230 VAC						≤ 150mA				
82949755	\$00?bg:	Clear	PDF															
82919768	\$.00?a!:	Red	PDF															
82939768	\$00?bb:	Yellow	PDF															
82949768	\$00?bh:	Clear	PDF															

*EVS models provide a random flash pattern for increased visibility.

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

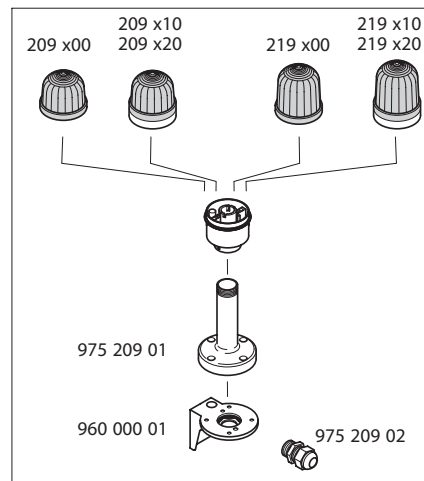
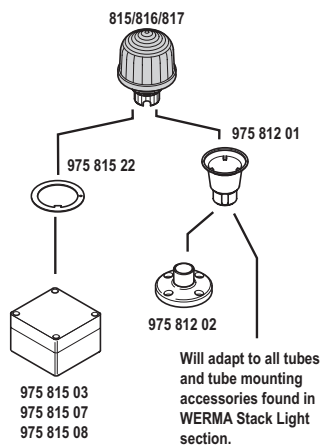


Signal Devices

Beacon Accessories



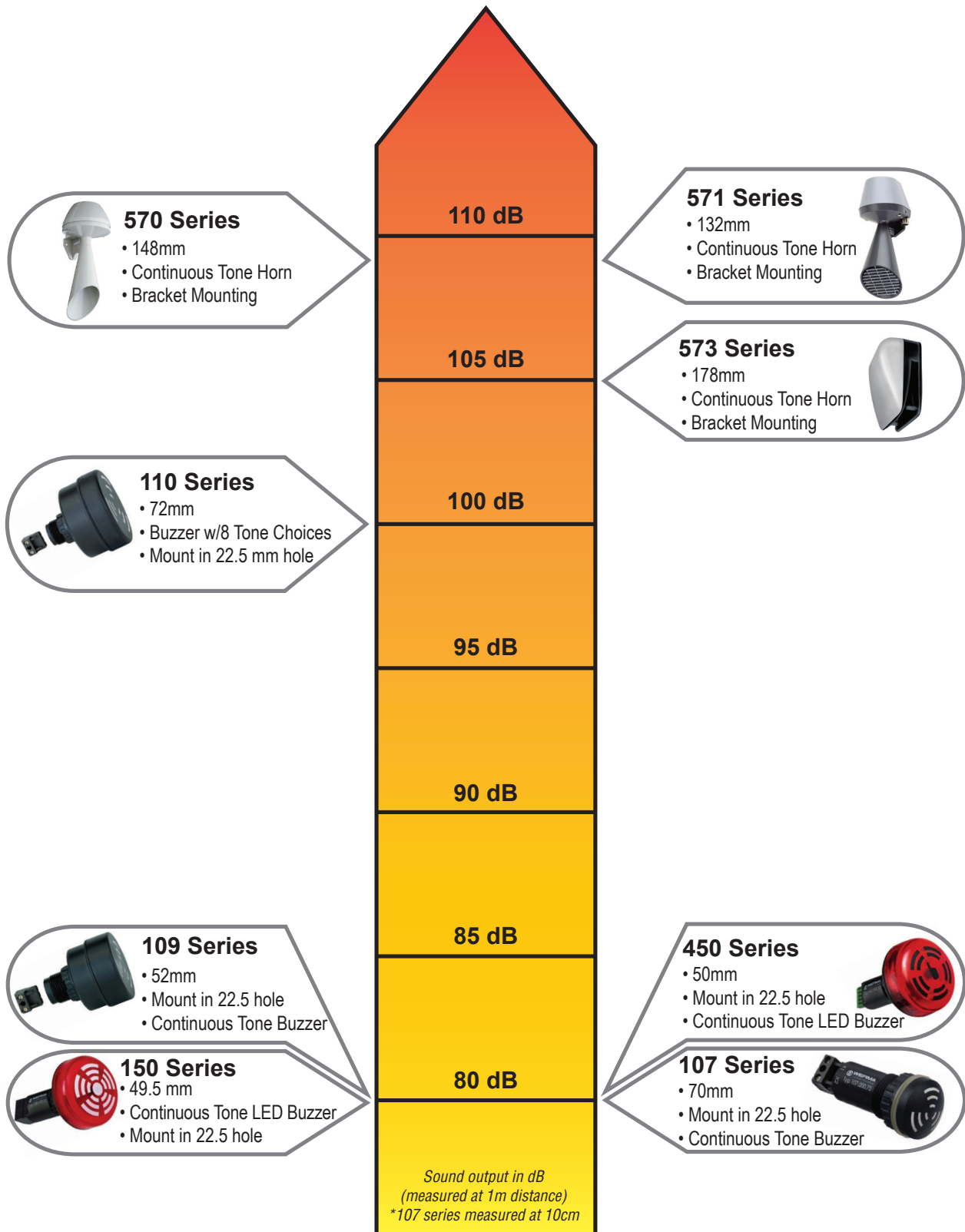
WERMA Beacons Accessories						
Part Number	Price	Drawing Link	Description	Operating Temp.	Material	Weight
Installation Beacon Accessories						
97581201	\$04c2:	PDF	WERMA tube adapter, tube mount, 57mm diameter, black, polyamide. For use with beacons with 37mm (PG 29) mounting installation.	-4 to 122°F [-20 to 50°C]	Polyamide / Fiberglass	1.13 g [0.04 oz]
97581202	\$0eag:	PDF	WERMA surface mounting base, base mount, black, polyamide. For use with beacons with 37mm (PG 29) mounting installation.		Polyamide / Fiberglass with rubber seal	2.83 g [0.1 oz]
97581503	\$0enk:	PDF	WERMA beacon enclosure, surface mount, 1 hole. For use with beacons with 37mm (PG 29) mounting installation.		Polycarbonate/ ABS blend	8.5 g [0.3 oz]
97581507	\$-0enl:	PDF	WERMA beacon enclosure, surface mount, 2 holes. For use with beacons with 37mm (PG 29) mounting installation.			14.17 g [0.5 oz]
97581508	\$0enn:	PDF	WERMA beacon enclosure, surface mount, 3 holes. For use with beacons with 37mm (PG 29) mounting installation.			17g [0.6 oz]
97581522	\$4e6:	PDF	WERMA anti-twist washer, stainless steel. For use with Werma beacons with 37mm (PG 29) mounting installation.		304 Stainless steel	0.57 g [0.02 oz]
Freestanding Beacon Accessories						
96000001	\$05h8:	PDF	WERMA mounting bracket, tube mount, black, polyamide. For use with 50mm or 70mm terminal elements. M16 x 1.5mm cable gland included.	-4 to 122°F [-20 to 50°C]	Polyamide	57g [2.01 oz]
97520901	\$;0eaf:	PDF	WERMA plastic base with integrated tube, base mount, 70mm diameter, 110mm length, black, polyamide. For use with 209 or 219 series beacons.		Polyamide	0.1 lbs [1.6 oz]
97520902	\$;-4i,:	PDF	WERMA cable gland, M25 x 1.5mm thread type, polyamide, black, accepts 8 to 17mm diameter cable, IP68.		Nylon	0.1 lbs [1.6 oz]
97582603	\$;:04[[:	PDF	WERMA galvanized wire guard, steel. For use with 826, 827, 828 or 829 series industrial signal beacons.		Wire D 3mm, chromed	140g [4.93 oz]
97582605	\$05o0:	PDF	WERMA mounting bracket, wall mount, black, ABS/ polycarbonate. For use with 826, 827, 828 and 829 series industrial signal beacons.		Polycarbonate/ ABS blend	62g [2.19 oz]





Audible Signal Devices

Product Family Overview





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	10700060	10700070	10700075	10700077	10701060	10701070	10701075	10701077
Price	\$;5n1[:	\$;5n1[:	Retired	Retired	\$5n1#:	\$5n1_:	Retired	Retired
Drawing Link	PDF	PDF	PDF	PDF	PDF	PDF	PDF	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	
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	10901075	10901077
Price	\$;0c#[:	\$0c#_:	\$0c##:	\$;0c#!:
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	
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			





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



110 Series Buzzer Specifications		
Part Number	11000067	11000075
Price	\$00c#?:	\$:00c#,:
Drawing Link	PDF	PDF
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 mm ² (16 AWG), 0.3 N torque	
Agency Approvals	cULus File E164155, CE	

Note: Refer to insert for available tones.

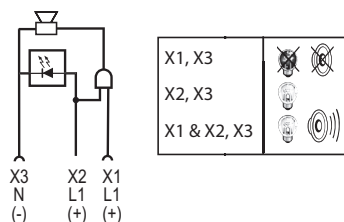
Buzzer with LED Indicator

- 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	15010055	15010067	15030055	15030067
Price	\$:0c!_:	\$:0c!#:	\$:,0c!l:	\$:0c!?:
Drawing Link	PDF	PDF	PDF	PDF
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 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 mm ² (16 AWG), 0.3 N torque			
Agency Approvals	cULus File E164155, CE			

Wiring Diagram



Note: Buzzer will not sound without light energized.



Audible Signal Devices

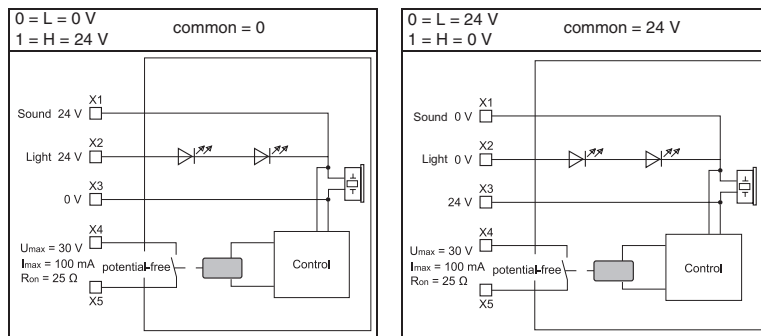
22.5 mm Panel-mount Electrical Buzzers with Acknowledgment Function

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

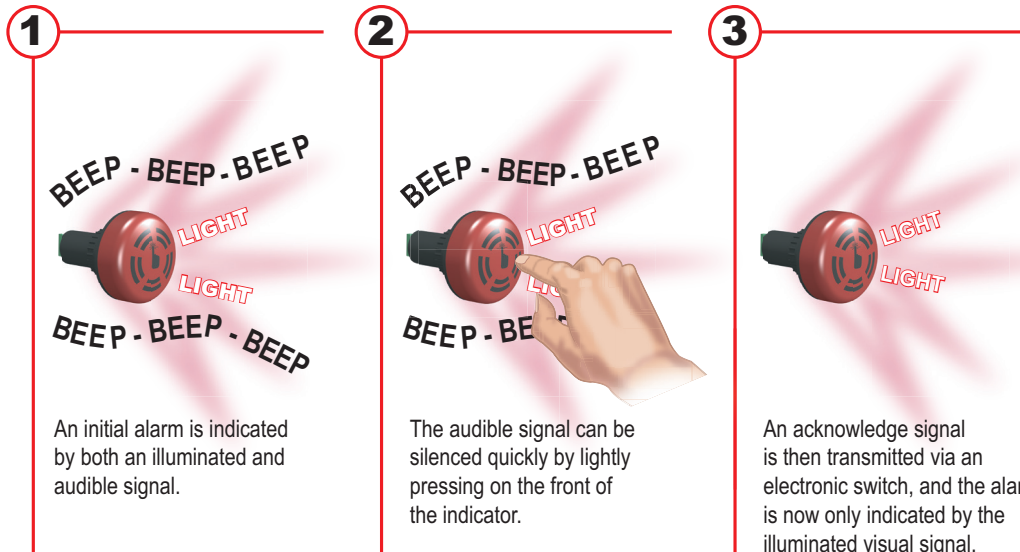


Wiring Diagram



450 Series Buzzer Specifications		
Part Number	45010055	45030055
Price	\$,00c!:	\$00c?0:
Drawing Link	PDF	PDF
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 to 122°F [-20 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.





Audible Signal Devices

Wall-mount Signal Horns

Features

- Wall mounting
- Continuous tone
- 148mm diameter

570 Series Signal Horns Specifications		
Part Number	57005255	57005267
Price	\$00?a1:	\$00?a2:
Drawing Link	PDF	PDF
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 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 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.





Audible Signal Devices

Wall-mount Signal Horns

Features

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



571 Series Signal Horns Specifications		
Part Number	57105255	57105267
Price	\$00?a3:	\$00?a4:
Drawing Link	PDF	PDF
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 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 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.

Features

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



573 Series Signal Horns Specifications		
Part Number	57300055	57300067
Price	\$00?a5:	\$00?a6:
Drawing Link	PDF	PDF
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 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 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.



Audible Signal Overview

Audible Signal Devices

Patlite offers a wide range of audible signal devices for either installation panel or surface mount applications with a variety of decibel ranges and options. All options come with pre-configured digital audio tones and the ability to be field configured using an SD card.

- Up to 110db (signal horn)
- Temperature tolerant (typically -10°C or less to +50°C or more)
- Good environmental protection ratings when installed correctly
- Wide range of digital tones to choose from
- Optional SD card can be used to field configure tones
- Variety of models for both AC and DC applications
- Polycarbonate or plastic construction

Audible Accessories

Accessories for Patlite audible signal devices:

- Replacement parts
- 2GB SD card



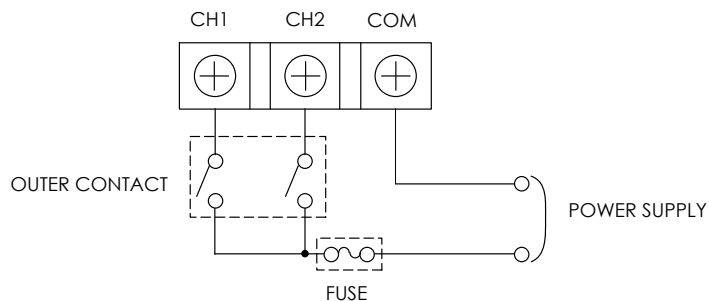
Panel-mount Electronic Buzzers**BM Series Buzzer Features**

- Available in both AC and DC versions
- 30mm round mounting on 50mm square backing
- Two selectable alarm sounds
- Up to 90dB volume
- Meets IP30 standards
- Designed to operate in temperatures from -10 to 60°C [14 to 140°F]

**BM-202H****BM Series Buzzer Specifications**

Part Number	BM-202H	BM-212H
Price	\$-44jy:	\$-44jz:
Drawing Link	PDF	PDF
Description	Buzzer	
Rated Voltage	24V AC/DC	120VAC
Operating Voltage Range	Rated voltage \pm 10%	
Rated Power Consumption	0.4 W	2.5 W
Maximum Volume	85dB @ 1m	90dB @ 1m
Tone Type	Buzzer 1: Slow intermittent Buzzer 2: Fast intermittent	
Operating Temperature	-10 to 60°C [14 to 140°F]	
Operating Ambient Humidity	Less than 85% (no condensation)	
Mounting Location	Indoors	
Mounting Direction	Upright, sideways, upside-down	
Protection	IP30 (IEC 60529)	
Insulation Resistance	More than 1M Ω at 500VDC between terminals and chassis	
Withstand Voltage	500VAC applied for 1 minute between terminals and chassis	1500VAC applied for 1 minute between terminals and chassis
Weight	100g [3.5 oz]	
Housing Material	ABS Plastic	
Agency Approvals	EMC Directive (EN 55011, EN 610006-2) RoHS Directive (EN 50581) Conforms to CE requirements	-

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

Wiring Diagram

PATLITE® Audible Signal Horns

Electronic Sound Signal Horns

EHS Series Horns Features

- Compact signal horn
- Four playback modes
- Can be used with either PNP or NPN inputs
- Meets IP65 standards
- Designed to operate in temperatures from -20 to 50°C [-4 to 122°F]
- Polycarbonate construction
- 32 standard sounds
- Optional SD card for field configuration (sold separately)



EHS-M1TE

EHS Series Signal Horns Specifications		
Part Number	EHS-M1TE	EHS-M2TE
Price	\$,-044j[.	\$,-044j[.
Drawing Link	PDF	PDF
Description	Signal Horn	
Rated Voltage	12-24VDC	100-240VAC (50/60Hz)
Operating Voltage	10.8-35 VDC	90-264VAC (50/60Hz)
Current Consumption	450mA	140mA
Power Consumption	5.0-7.6 W	6.9-7.3 W
Inrush Current	4-12.5 A or less	6-23 A or less
Maximum Volume	110dB @ 1m	
Tone Type	Electronic (32 tones available)	
Operating Temperature	-20 to 50°C [-4 to 122°F]	
Operating Ambient Humidity	Less than 85% (no condensation)	
Mounting Location	Indoors/outdoors	
Mounting Direction	Upright, sideways, upside-down	
Protection	IP65	
Insulation Resistance	More than 1MΩ at 500VDC between terminals and chassis	
Withstand Voltage	500VAC applied for 1 minute between terminals and chassis	1500VAC applied for 1 minute between terminals and chassis
Vibration Resistance	45.0 m/s ² (IEC 60068-2-6:2007), upright	
Weight	1.25 kg [2.8 lbs]	
Housing Material	Polycarbonate	
Memory Card	SD card SDV-2GP recommended, sold separately, FAT16 or 32 format	
Agency Approvals	EMC Directive (EN 61000-6-4, EN 6100-6-2)	-
	RoHS Directive (EN 50581) UL 464, CSA-C22.2 No. 205-M1983 FCC Part 15 Subpart B Class A KC (KN22, KN24) UL Listed (File S24210)	

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

EHS Series Accessories		
Part Number	Price	Description
<u>V21100522-F1</u>	\$,44kt:	Replacement cover, for EHS series signal horns
<u>V13100076-F1</u>	\$44ku:	Replacement 16 inch cable, for EHS series signal horns
<u>SDV-2GP</u>	\$44k7:	2GB SD card

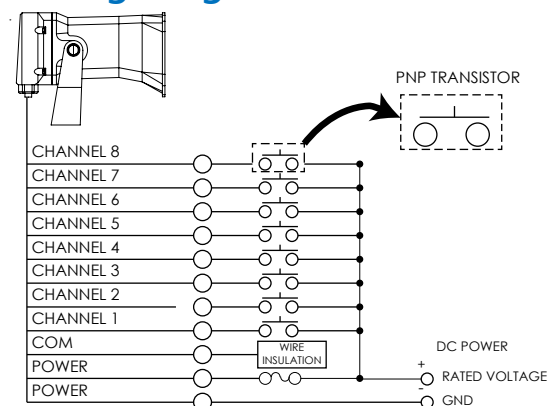


V21100522-F1



V13100076-F1

Wiring Diagram



PATLITE® Audible Electronic Alarms

BD Series Panel- or Surface-mount Electronic Alarms

Features

- 80mm square alarm
- 32 different alarm tones available
- Up to 90dB volume
- Meets IP54 standards
- Designed to operate in temperatures from -20 to 55°C [-4 to 131°F]
- ABS plastic construction
- 32 standard sounds
- Optional SD card for field configuration (sold separately)



BD-24AE-J

BD Series Accessories

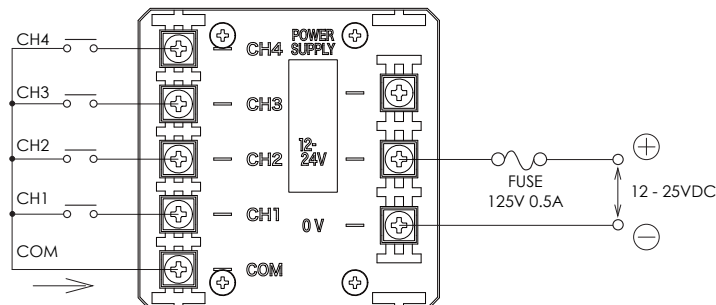
Part Number	Price	Description
SDV-2GP	\$44k7:	2GB SD card

BD Series Alarm Specifications

Part Number	BD-24AE-J	BD-24AE-K
Price	\$-044j:	\$-044j#:
Drawing Link	PDF	PDF
Description	Alarm	
Rated Voltage	12-24VDC	
Operating Voltage Range	10.8-26.4 VDC	
Rated Power Consumption	Standby	0.5 W
	Maximum	4.0 W
Maximum Volume	90dB @ 1m	
Tone Type	Electronic (32 tones available)	
Operating Temperature	-20 to 55°C [-4 to 131°F]	
Operating Ambient Humidity	Less than 85% (no condensation)	
Mounting Location	Indoors	
Mounting Direction	Upright, sideways, inverted	
Protection	IP54	
Insulation Resistance	More than 1MΩ at 500VDC between terminals and chassis	
Withstand Voltage	500VAC applied for 1 minute between terminals and chassis	
Vibration Resistance	19.6 m/s ² (IEC 60529)	
Weight	160g [5.6 oz]	
Housing Material	ABS plastic	
Housing Color	Light gray	Dark gray
Agency Approvals	EMC Directive (EN 61000-6-4, EN 61000-6-2) RoHS Directive (EN 50581) FCC Part 15, Subpart B Class A UL 464, CSA-C22.2 No. 205-M1983 UL Recognized (File S24210) Conforms to CE requirements	

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

Wiring Diagram



PATLITE® Audible Electronic Alarms

BSV Series Panel- or Surface-mount Electronic Alarms

Features

- Compact alarm that plays 15 prerecorded alarms
- Up to 90dB volume
- Meets IP54 standards when panel mounted
- Works with PNP inputs
- Designed to work in temperatures from -10 to 50°C [14 to 122°F]
- Polycarbonate construction
- 15 standard sounds
- Optional SD card for field configuration (sold separately)



BSV-24P-D

BSV Series Accessories

Part Number	Price	Description
SDV-2GP	\$44k7:	2GB SD card

BSV Series Alarm Specifications

Part Number	BSV-24P-D	BSV-24P-W
Price	\$,-044j:	\$-044jx:
Drawing Link	PDF	PDF
Description	Alarm	
Rated Voltage	12-24VDC	
Operating Voltage Range	10.8-26.4 VDC	
Rated Power Consumption	3.5 W	
Maximum Volume	85dB @ 1m	
Tone Type	Electronic (15 tones available)	
Operating Temperature	-10 to 50°C [14 to 122°F]	
Operating Ambient Humidity	Less than 85% (no condensation)	
Mounting Location	Panel mount: Indoor/outdoor Wall mount: Indoors	
Mounting Direction	Upright, sideways, inverted	
Protection	Panel mount: IP54 (upright mounting direction only) Wall mount: IP20	
Insulation Resistance	More than 1MΩ at 500VDC between terminals and chassis	
Withstand Voltage	500VAC applied for 1 minute between terminals and chassis	
Vibration Resistance	70.0 m/s ² (in the x, y, and z directions for 2 hours each at 30Hz)	
Weight	100 [3.5 oz]	
Housing Material	Polycarbonate	
Housing Color	Dark gray	Off-white
Agency Approvals	EMC Directive (EN 61000-6-4, EN 61000-6-2) RoHS Directive (EN 50581) FCC Part 15, Subpart B Class A UL Recognized (File S24210)	

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

Wiring Diagram

