

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	\$98.00	Blue	Industrial signal beacon	80mm	selectable continuous, blinking or triple flash	N/A	12–24 VDC	PDF	pigtail
SL08-M1JN-G	\$98.00	Green						PDF	
SL08-M1JN-R	\$98.00	Red						PDF	
SL08-M1JN-Y	\$98.00	Amber						PDF	
SL08-M2JN-B	\$116.00	Blue					100–240 VAC	PDF	
SL08-M2JN-G	\$116.00	Green						PDF	
SL08-M2JN-R	\$116.00	Red						PDF	
SL08-M2JN-Y	\$116.00	Amber						PDF	
SL10-M1JN-B	\$112.00	Blue		100mm			12–24 VDC	PDF	
SL10-M1JN-G	\$112.00	Green						PDF	
SL10-M1JN-R	\$112.00	Red						PDF	
SL10-M1JN-Y	\$112.00	Amber						PDF	
SL10-M2JN-B	\$129.00	Blue					100–240 VAC	PDF	
SL10-M2JN-G	\$129.00	Green						PDF	
SL10-M2JN-R	\$129.00	Red						PDF	
SL10-M2JN-Y	\$129.00	Amber						PDF	
SL15-M1JN-B	\$151.00	Blue		150mm			12–24 VDC	PDF	
SL15-M1JN-G	\$151.00	Green						PDF	
SL15-M1JN-R	\$151.00	Red						PDF	
SL15-M1JN-Y	\$151.00	Amber						PDF	
SL15-M2JN-B	\$168.00	Blue					100–240 VAC	PDF	
SL15-M2JN-G	\$168.00	Green						PDF	
SL15-M2JN-R	\$168.00	Red						PDF	
SL15-M2JN-Y	\$168.00	Amber						PDF	

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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	
		10-30V DC				90-250V AC				10-30V DC				90-250V AC				10-30V DC				90-250V AC				
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	\$112.00	Blue	Audible-visual signal beacon	80mm	selectable continuous, blinking or triple flash	88dB	12–24 VDC	PDF	push-in terminal
SL08-M1KTB-G	\$112.00	Green						PDF	
SL08-M1KTB-R	\$112.00	Red						PDF	
SL08-M1KTB-Y	\$112.00	Amber						PDF	
SL08-M2KTB-B	\$129.00	Blue					100–240 VAC	PDF	
SL08-M2KTB-G	\$129.00	Green						PDF	
SL08-M2KTB-R	\$129.00	Red						PDF	
SL08-M2KTB-Y	\$129.00	Amber						PDF	
SL10-M1KTB-B	\$125.00	Blue		100mm			12–24 VDC	PDF	
SL10-M1KTB-G	\$125.00	Green						PDF	
SL10-M1KTB-R	\$125.00	Red						PDF	
SL10-M1KTB-Y	\$125.00	Amber						PDF	
SL10-M2KTB-B	\$143.00	Blue					100–240 VAC	PDF	
SL10-M2KTB-G	\$143.00	Green						PDF	
SL10-M2KTB-R	\$143.00	Red						PDF	
SL10-M2KTB-Y	\$143.00	Amber						PDF	

*1 meter from the front of the Buzzer opening

PATLITE® Signal Devices

Multi-Function Audible-Visual Signal Beacon Monocolor SL Series

Specifications

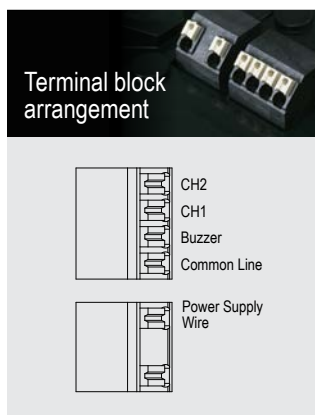
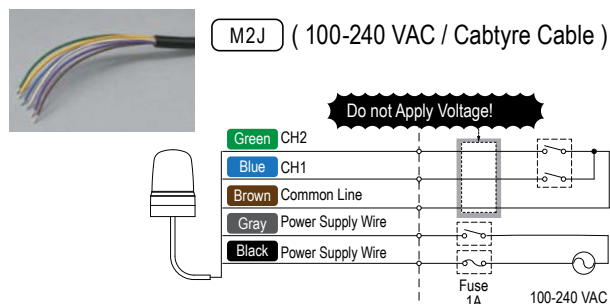
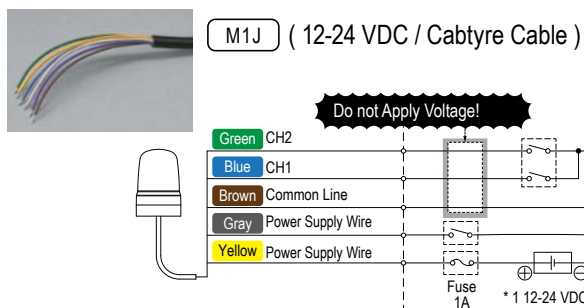
Multi-Function Audible-Visual Signal Beacon Monocolor SL Series Technical Specifications																	
Part Number		SL08-M1KTB-B	SL08-M1KTB-G	SL08-M1KTB-R	SL08-M1KTB-Y	SL08-M2KTB-B	SL08-M2KTB-G	SL08-M2KTB-R	SL08-M2KTB-Y	SL10-M1KTB-B	SL10-M1KTB-G	SL10-M1KTB-R	SL10-M1KTB-Y	SL10-M2KTB-B	SL10-M2KTB-G	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 : 0.13-1.5mm ² 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.

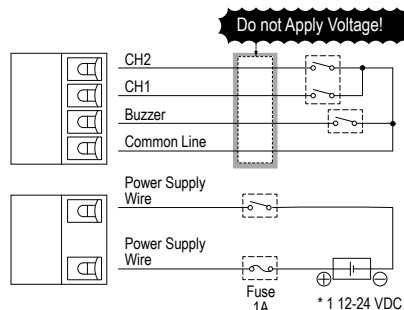
PATLITE® Signal Devices

Multi-Function Audible-Visual Signal Beacon Monocolor SL Series

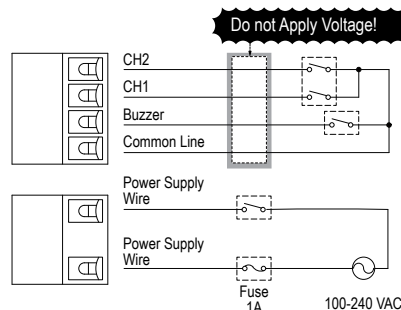
Wiring Diagrams



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
<u>SZK-101</u>	\$15.00	Patlite mounting bracket, wall mount, black, polycarbonate. For use with Patlite SKS, SKH, SF08, SF10, SL08 and SL10 series beacons.	<u>PDF</u>
<u>SZK-102</u>	\$17.00	Patlite mounting bracket, wall mount, silver, 304 stainless steel. For use with Patlite SKS, SKH, SF08, SF10, SL08 and SL10 series beacons.	<u>PDF</u>
<u>SZK-103</u>	\$29.00	Patlite mounting bracket, wall mount, silver, 305 stainless steel. For use with Patlite SKP and SL15 series beacons.	<u>PDF</u>
<u>SZK-104</u>	\$15.00	Patlite mounting bracket cover, wall mount, black, polycarbonate. For use with Patlite SZK-102 mounting bracket. Installation hardware included.	<u>PDF</u>
<u>SZK-105</u>	\$25.00	Patlite mounting bracket cover, wall mount, black, polycarbonate. For use with Patlite SZK-103 mounting bracket. Installation hardware included.	<u>PDF</u>
<u>SZP-101</u>	\$23.00	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.	<u>PDF</u>
<u>SZP-102</u>	\$43.00	Patlite tube adapter, tube mount, 80mm diameter, 1/2in NPT thread, silver, aluminum. For use with Patlite SKS, SF08 and SL08 series beacons.	<u>PDF</u>
<u>SZP-103</u>	\$51.00	Patlite tube adapter, tube mount, 100mm diameter, 1/2in NPT thread, silver, aluminum. For use with Patlite SKH, SF10 and SL10 series beacons.	<u>PDF</u>
<u>SZP-104</u>	\$89.00	Patlite tube adapter, tube mount, 150mm diameter, 3/4in NPT thread, silver, aluminum. For use with Patlite SKP and SL15 series beacons.	<u>PDF</u>
<u>SZW-101</u>	\$17.00	Patlite mounting bracket, ceiling mount, 100mm diameter, black, cold-rolled steel. For use with Patlite SKH, SF10 and SL10 series beacons.	<u>PDF</u>
<u>SZW-102</u>	\$8.00	Patlite gasket, black, silicone. For use with Patlite SKS, SF08 and SL08 series beacons.	<u>PDF</u>
<u>SZW-103</u>	\$10.00	Patlite gasket, black, silicone. For use with Patlite SKH, SF10 and SL10 series beacons.	<u>PDF</u>

[SZK-101](#)[SZK-102](#)[SZK-103](#)[SZK-104](#)[SZK-105](#)[SZP-101](#)[SZP-102](#)[SZP-103](#)[SZP-104](#)[SZW-101](#)[SZW-102](#)[SZW-103](#)