

S100D Series

Various built-in sound tones of warning sounds, alarms and melodies



S100DLR



S100DL / S100DS



S100D

※ Please refer to [Sound tone and combination for standard product] on this catalogue for detailed sound tone specification.

PRODUCT SPECIFICATION

S100DLR | S100DL
S100DS | S100D

Materials Lens-AS, Housing-ABS,
Reflector-Heat resistant ABS

Protection rating IP54

Compliant with RoHS directive S100DLR / S100DL

- Ø100mm signal/warning lights and electric horn combination provides both audible and visual signaling capability in one unit
- Can select the proper signaling effect from a variety of light sources and sound tones darkness is detected

S100DLR LED Revolving Light & Electric Horn

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
S100DLR	DC12V	0.670A	·WS-5 Warning sounds: Max.105dB	CE	0.89kg	R-Red A-Amber G-Green B-Blue
	DC24V	0.410A	·WM-5 Melodies: Max.105dB		0.89kg	
	AC110V	0.145A	·WA-5 Alarms: Max.103dB		1.27kg	
	AC220V	0.075A	·WV-5 Customizable sounds : 91-100dB		1.27kg	

- Revolving speed: 120-140RPM
- Ambient operating temperature: -20°C to +50°C
- ※ CE compliant: DC24V, AC110V, AC220V

S100DL LED Steady/Flashing Light & Electric Horn

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
S100DL	DC12V	Max.	·WS-5 Warning sounds: Max.105dB	CE	0.95kg	R-Red A-Amber G-Green B-Blue
	-24V	0.465A	·WM-5 Melodies: Max.105dB		1.16kg	
	AC110V	0.130A	·WA-5 Alarms: Max.103dB		1.16kg	
	AC220V	0.070A	·WV-5 Customizable sounds : 91-100dB		1.16kg	

- Flashing rate: 60-80/min (Built-in switch for selection between steady and flashing mode)
- Ambient operating temperature: -30°C to +50°C
- ※ CE compliant: DC24V, AC110V, AC220V

S100DS Xenon Lamp Strobe Light & Electric Horn

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
S100DS	DC12V	Max.	·WS-5 Warning sounds: Max.105dB	CE	0.76kg	R-Red A-Amber G-Green B-Blue
	-24V	1.400A	·WM-5 Melodies: Max.105dB		1.21kg	
	AC110V	0.230A	·WA-5 Alarms: Max.103dB		1.21kg	
	AC220V	0.155A	·WV-5 Customizable sounds : 91-100dB		1.21kg	

- Flashing rate: 60-80/min
- Ambient operating temperature: -30°C to +50°C
- ※ CE compliant: DC24V, AC110V, AC220V



S100D Bulb Revolving Light & Electric Horn

Model number	Voltage	Current	Bulb			Sound pattern and volume	Certificates	Weight	Color
			Spec	Standard	Parts no				
S100D	DC12V	1.200A	12V10W	T16x35 15S	9	·WS-5 Warning sounds: Max.105dB ·WM-5 Melodies: Max.105dB ·WA-5 Alarms: Max.103dB ·WV-5 Customizable sounds: 91-100dB	CE	0.96kg	● R-Red
	DC24V	0.830A	24V10W	T16x35 15S	10			0.96kg	● A-Amber
	AC110V	0.190A	12V10W	T16x35 15S	9			1.38kg	● G-Green
	AC220V	0.095A	12V10W	T16x35 15S	9			1.38kg	● B-Blue

· Revolving speed: 120-140RPM

· Ambient operating temperature: -20°C to +50°C

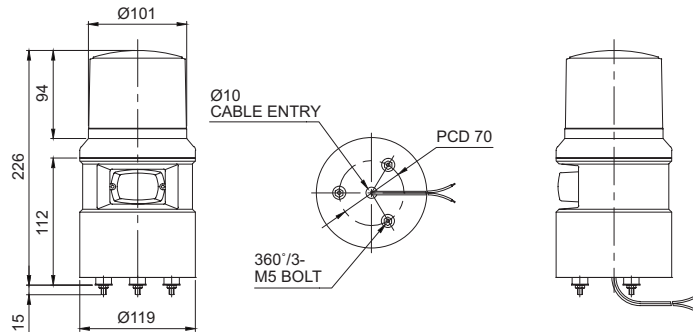
※ CE compliant: DC24V, AC110V, AC220V

※ Max.built-in volume feature is based on WS-Ch3 / WM-Ch4 / WA-Ch1.

※ In case of customized WV 5 tone type, there may be difference of volume depending on user's audio file type.

Technical Diagram ·S100DLR / S100DL / S100DS / S100D

Units: mm

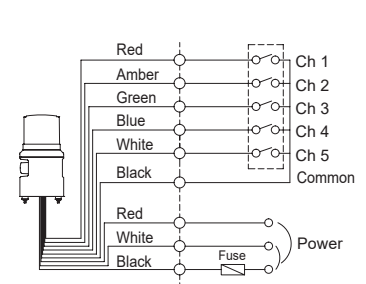
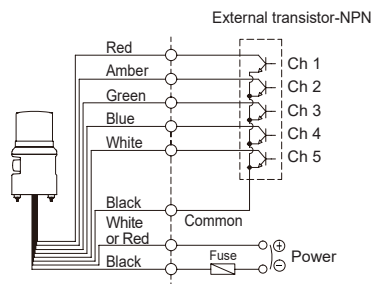
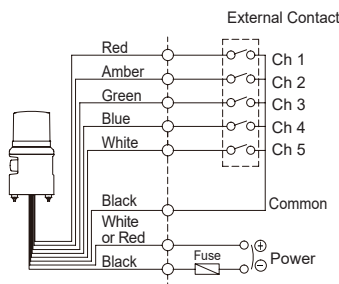


Wiring Instructions

·S100D / S100DL / S100DLR / S100DS-DC/AC

·S100DL-DC/AC

·S100D/S100DLR-AC compatible type



· External Power line - UL1015 AWG18(0.75sq) x 2C 400mm

· External signal line - UL1007 AWG22(0.3sq) 400mm

· S100D, S100DLR: Black output line is negative(-)

· AC compatible type shall be connected the black and white wires when using AC110V, and the black and red wires when using AC220V.

Customization

· Optional 8 harmonies(standard unit has a single harmony)

Ordering Specification

S100D	-	WA	-	220	-	R
[Model number]		[Sounds]		[Voltage]		[Color]
S100DLR		WS-Warning		12-DC12V		● R-Red
S100DL		WM-Melody		24-DC24V		● A-Amber
S100DS		WA-Alarm		12/24-DC12V-24V(S100DL, S100DS only)		● G-Green
S100D		WV-Customizable sound		110-AC110V		● B-Blue
				220-AC220V		



Do not apply a voltage to each signal line. It may cause damage to the product

By default the warning light is turned on when the Power is supplied, the voice/alarm output is Powered on by a separate connection.

Please wire properly.