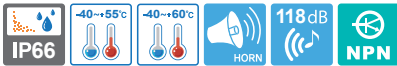


SESA series



Explosion proof warning light and electric horn combinations with sound output of Max 118dB



SESALR



SESAL



SESAS

Explosion Proof Warning/ Signal Light and Max 118dB Electric Horn Combinations



Common Specifications(SESALR/ SESAL/ SESAS/ SESA)

- Large explosion proof warning light and electric horn combinations
- A variety of light sources and sound selections to fit your sophisticated application needs
- Aluminum housing provides excellent durability
- Fully enclosed structure with protection rating of IP66
- Integrated housing and terminal box model
- Sound volume : Max 118dB at 1m(Volume adjustable)
- Standard housing color : MUNSELL No. 7.5BG 7/2
- Cable entry : 1/2" NPT
- Materials : Lens-Tempered glass, Filter-PC, Housing-Al, Protection cage-SUS316L, Reflector for LED type-PC/Reflector for bulb type-Heat resistant ABS
- Certificates : IECEx, ATEX, NEPSI, KCs, CCS, CCC(F)
- Protection rating :
 - IECEx - Ex d IIC T6 Gb, IP66
 - ATEX - II2G Ex d IIC T6 Gb, IP66
 - NEPSI - Ex d IIC T6 Gb, IP66/ Ex tD A21 IP66 T80°C
 - KCs - Ex d IIC T6, IP66/ Ex tD A21 T85°C IP66
 - Ex d IIB+H2 IP66 T6
- Ambient operating temperature : $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$
 $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +55^{\circ}\text{C}$ (KCs)



SESALR LED Revolving Warning Light and Electric Horn Combination

- Excellent omni-directional visibility with LED light collecting system and special multifaceted reflector
- Revolving speed : 120-140RPM

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
SESALR	DC12V	2.633A	• WS-5 Warning sounds : 118dB • WP-5 Special warning sounds : 118dB • WM-5 Melodies : 118dB • WA-5 Alarms : 116dB • WV-5 Customizable voices : 113dB		8.31kg	• R-Red • A-Amber • G-Green • B-Blue
	DC24V	1.288A			8.31kg	
	AC110V	0.308A			7.92kg	
	AC220V	0.154A			7.92kg	



SESAL LED Steady/ Flashing Signal Light and Electric Horn Combination

- Long product lifetime with the application of a high intensity LED light source
- Suitable for locations where bulb replacement is inconvenient
- Built in switch for steady/flashing selection
- Flashing rate : 60-80 flashes/min

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
SESAL	DC12V	2.511A	• WS-5 Warning sounds : 118dB • WP-5 Special warning sounds : 118dB • WM-5 Melodies : 118dB • WA-5 Alarms : 116dB • WV-5 Customizable voices : 113dB		8.42kg	• R-Red • A-Amber • G-Green • B-Blue
	DC24V	1.222A			8.42kg	
	AC110V	0.286A			9.02kg	
	AC220V	0.143A			9.02kg	

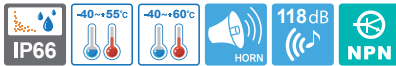


SESAS Xenon Lamp Strobe Signal Light and Electric Horn Combination

- Lamp connector fastening structure allows for convenient lamp replacement
- High efficiency strobe light offers excellent visibility for long distances
- Flashing rate : 60-80 flashes/min

Model number	Voltage	Current	Bulb			Sound pattern and volume	Certificates	Weight	Color
			Spec	Standard	Parts no				
SESAS	DC12V	2.933A	200V -550V	EUB0641 -1A(G) U Type	48	• WS-5 Warning sounds : 118dB		8.45kg	• R-Red • A-Amber • G-Green • B-Blue
	DC24V	1.411A				• WP-5 Special warning sounds : 118dB		8.45kg	
	AC110V	0.360A				• WM-5 Melodies : 118dB		8.86kg	
	AC220V	0.220A				• WA-5 Alarms : 116dB		8.86kg	

SESA series



Explosion Proof Warning/ Signal Light and Max 118dB Electric Horn Combinations



SESA



SESA Bulb Revolving Warning Light and Electric Horn Combinations

- Excellent diffusion effect with special multifaceted reflector
- Revolving speed : 120-140RPM

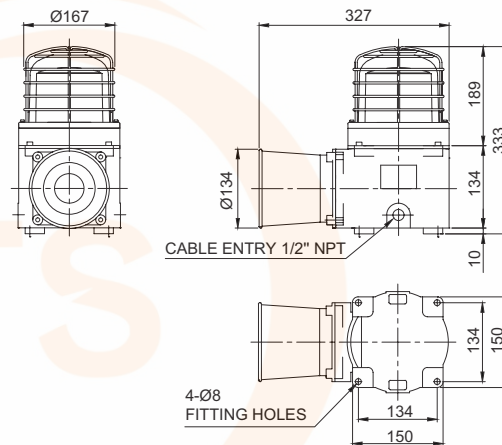
Model number	Voltage	Current	Bulb Spec	Standard	Parts no	Sound pattern and volume	Certificates	Weight	Color
SESA	DC12V	3.755A	12V15W	G23 15S	17	• WS-5 Warning sounds :118dB		8.57kg	• R-Red • A-Amber • G-Green • B-Blue
	DC24V	1.788A	24V15W	G23 15S	18	• WP -5 Special warning sounds :118dB		8.57kg	
	AC110V	0.422A	12V15W	G23 15S	17	• WM-5 Melodies : 118dB • WA-5 Alarms : 116dB		9.27kg	
	AC220V	0.211A	12V15W	G23 15S	17	• WV -5 Customizable voices : 113dB		9.27kg	



Technical Diagram

(Units : mm)

SESALR/ SESAL/ SESAS/ SESA

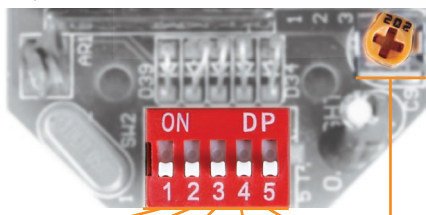


Sound Selection Instructions and Wiring

- Standard type : Select sound using the switch inside of the unit. When you turn on the dip switch for each channel, designated sound is played.

- Customization : External contact(LC)
Customization of signal line threading can be choice between external contact and transistor which can be fit for control unit.

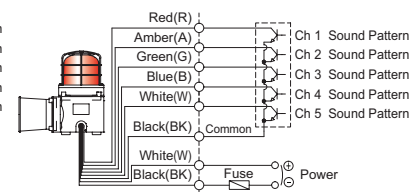
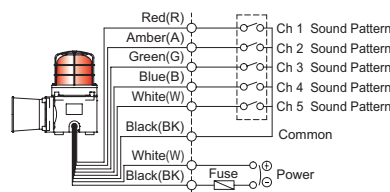
SESA SERIES-DC/AC



Ch1 Ch2 Ch3 Ch4 Ch5 VOLUME

EXTERNAL CONTACT

EXTERNAL TRANSISTOR-NPN



- SESA, SESALR : Black output line is negative(-)



Customization

- Explosion proof cable gland attached type available (Standard type does not come with explosion proof cable gland)
- 2 way cable entries
- Customized cable entry (3/4" NPT, M20×1.5, M25×1.5) available
- ATEX compliant products
- IECEx compliant products



Ordering Specification

SESAS	-	WS	-	220	-	R
[Model number]		[Sound]		[Voltage]		[Color]
• SESALR • SESAL • SESAS • SESA		• WS-Warning sounds • WP-Special warning sounds • WM-Melodies • WA-Alarms • WV-Customizable sounds		• 12-DC12V • 24-DC24V • 110-AC110V • 220-AC220V		• R-Red • A-Amber • G-Green • B-Blue