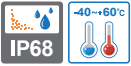


SSL series

LED Signal Lights for Container Spreaders



Provides excellent durability to extreme vibration and shock
Suitable for container spreader, harbor loading equipment, and outdoor conveyor applications

SSL LED Steady Signal Lights for Container Spreaders

- Special anti-reflective lens applied to avoid mistaking the reflected sun light as a signal light (W type)
- M type has excellent visibility from a distance with clear and distinctive layer colors
- Superior durability in extreme vibration and shock thanks to a molded assembly process instead of conventional bolt fastened assembly method
- Customized color arrangement available (Lens color configuration is initiated from the side of cable entry)
- Materials : Housing-Al, Lens-PC
- Ambient operating temperature : -40°C to +60°C
- Certificates : CE Compliant
- Protection rating : IP68 (IEC60529)



**SSL100W/ SSL200W
 SSL300W/ SSL400W**



**SSL100M/ SSL200M
 SSL300M/ SSL400M**

Specification

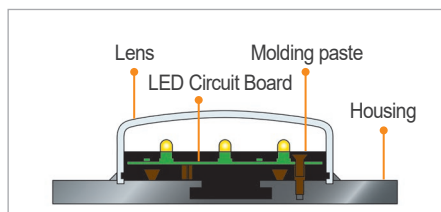
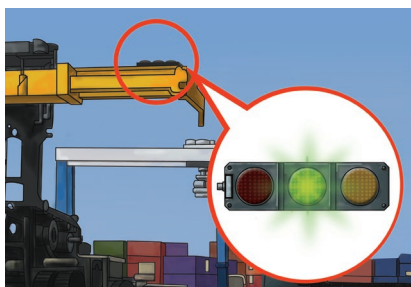
Model number	Voltage	Current	Certificates	Weight	Cable entry	Color
SSL100	DC24V	0.151A	CE DC24V Only	1.80kg	Select one option between M12-5PIN (male) and C10-Cable	● R-Red
	AC110V	0.040A		1.85kg		
	AC220V	0.040A		1.85kg		
SSL200	DC24V	0.302A		2.15kg		● R-Red ● G-Green
	AC110V	0.080A		2.20kg		
	AC220V	0.080A		2.20kg		
SSL300	DC24V	0.453A		2.50kg		● R-Red ● A-Amber ● G-Green
	AC110V	0.120A		2.55kg		
	AC220V	0.120A		2.55kg		
SSL400	DC24V	0.604A		2.95kg		● R-Red ● A-Amber ● G-Green ● B-Blue
	AC110V	0.160A		3.00kg		
	AC220V	0.160A		3.00kg		

SSL series Vibration and Shock Test Conditions

Axial direction	Direction X	Direction Y	Direction Z
Vibration test conditions	10-38 Hz, 3.5mm 38-500 Hz, 20g 1 oct/min, 2 hours	10-38 Hz, 3.5mm 38-500 Hz, 20g 1 oct/min, 2 hours	10-38 Hz, 3.5mm 38-500 Hz, 20g 1 oct/min, 2 hours
Shock test conditions	50g 6 ms ±1000 shocks	50g 6 ms ±1000 shocks	50g 6 ms ±1000 shocks

Ordering Specification

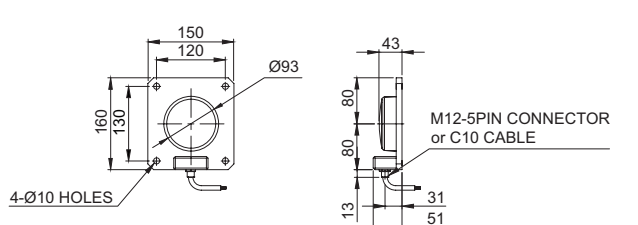
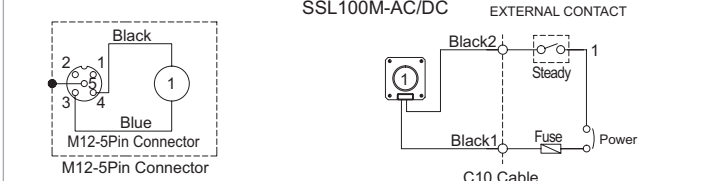
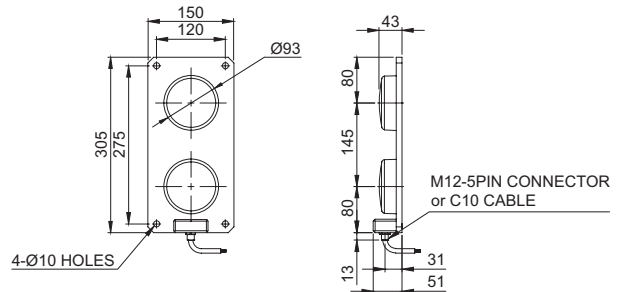
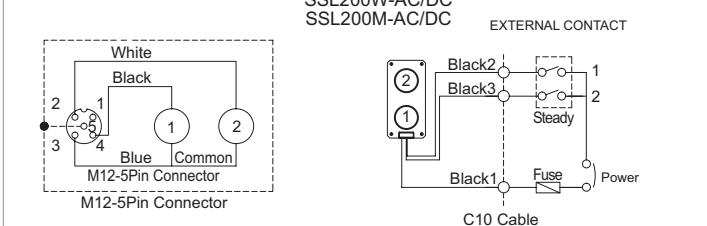
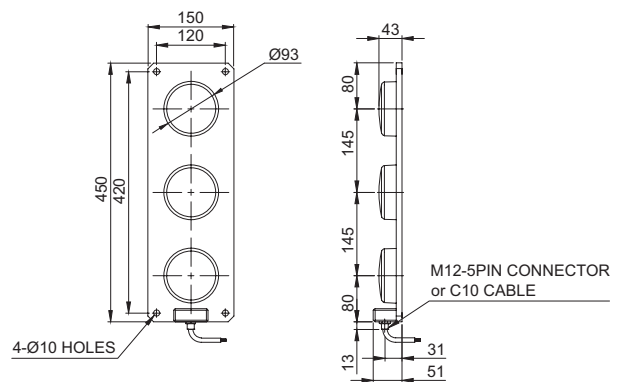
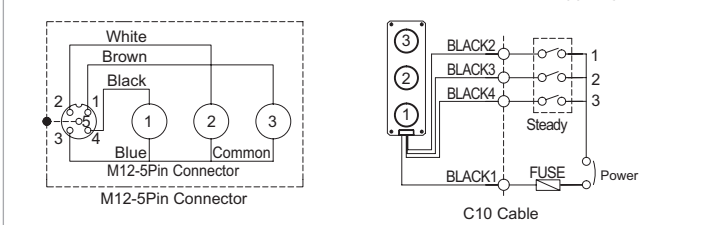
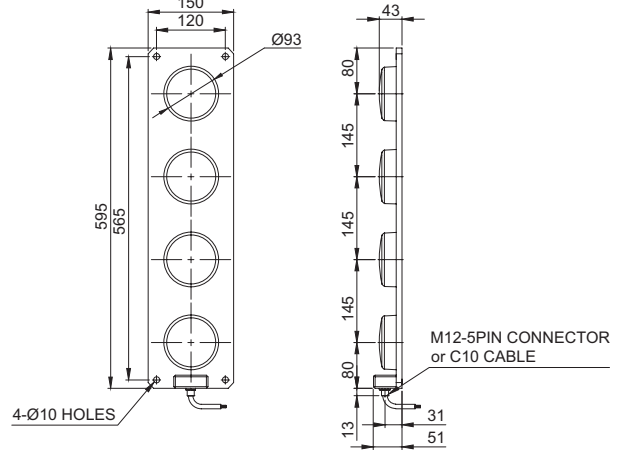
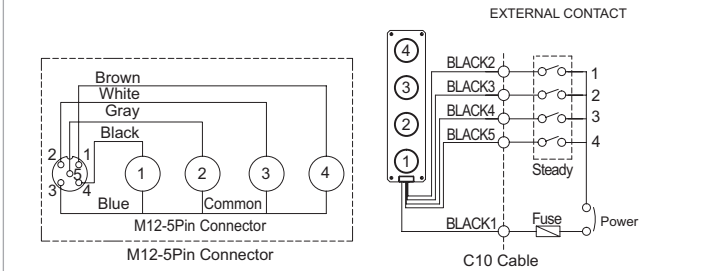
SSL100W	-	24	-	R
[Model number]		[Voltage]		[Color]
<ul style="list-style-type: none"> • SSL100W • SSL200W • SSL300W • SSL400W 	<ul style="list-style-type: none"> • SSL100M • SSL200M • SSL300M • SSL400M 	<ul style="list-style-type: none"> • 24-DC24V • 110-AC110V • 220-AC220V 		<ul style="list-style-type: none"> • R-Red • A-Amber • G-Green • B-Blue



Cross-section of lens structure

SSL series has high resistance to vibration and shock by sealing the housing, lens, and LED circuit board together with epoxy mold compound.

(Units : mm)

Technical Diagram	Wiring Instructions(External Contact)
<p>SSL100-W/ SSL100M</p> 	<p>SSL100W-AC/DC SSL100M-AC/DC</p>  <ul style="list-style-type: none"> M12-5PIN connector type Pin no. 3 is common, however equipped built-in Bridge circuit, power line can be wired to Pin no.3 or 4 regardless of polarity C10 CABLE TREADING TYPE Treading power line, signal line standard : 7G×0.5mm² 600V/80°C WIRE 1,000mm treading
<p>SSL200-W/ SSL200M</p> 	<p>SSL200W-AC/DC SSL200M-AC/DC</p>  <ul style="list-style-type: none"> M12-5PIN connector type Pin no. 3 is common, however equipped built-in Bridge circuit, power line can be wired to Pin no.3 or 1, 4 regardless of polarity C10 CABLE TREADING TYPE Treading power line, signal line standard : 7G×0.5mm² 600V/80°C WIRE 1,000mm treading
<p>SSL300-W/ SSL300M</p> 	<p>SSL300W-AC/DC SSL300M-AC/DC</p>  <ul style="list-style-type: none"> M12-5PIN connector type Pin no. 3 is common, however equipped built-in Bridge circuit, power line can be wired to Pin no.3 or 1, 2, 4 regardless of polarity C10 CABLE TREADING TYPE Treading power line, signal line standard : 7G×0.5mm² 600V/80°C WIRE 1,000mm treading
<p>SSL400-W/ SSL400M</p> 	<p>SSL400W-AC/DC SSL400M-AC/DC</p>  <ul style="list-style-type: none"> M12-5PIN connector type Pin no. 3 is common, however equipped built-in Bridge circuit, power line can be wired to Pin no. 3 and pin no. 1, 2, 4, 5 regardless of polarity C10 CABLE TREADING TYPE Treading power line, signal line standard : 7G×0.5mm² 600V/80°C WIRE 1,000mm treading