

CLB12 / CLB12plus • AUTOMATIC LAMPCHANGERS



The CLB12 lampchangers emphasize simplicity and reliability. They are designed to operate with any solid-state flasher which can provide both filament failure sensing, and, voltage pulses to activate the rotary solenoid.

The rotary solenoid indexes the lamp turret by a spring wound ratchet mechanism. The lamp turret will support six S-8 or S-11 marine signal lamps and halogen lamps with prefocus caps, and will locate the filament accurately within operating position horizontally and vertically, with a deviation less than 0.8 mm from the theoretical centre. It can be mounted in any position.

Features

- 6-lamp capacity.
- Accurate lamp positioning.
- Low contact drop.
- No shadowing 52° down from horizontal plane.
- Gold-plated contacts.
- Colour coded terminals.
- Die cast aluminium frame.
- Corrosion resistant frame finish.
- Hot tinned brass terminal connectors.
- Stainless steel terminal screws.
- Turret in injection-moulded high-strength plastic.
- Compatible with all our lanterns and rotating beacons.



Technical specifications

MODEL	CLB12	CLB12+
Lamp capacity	6	6
Lamp size	S8, S11, Halogen	S8, S11, Halogen
Lamp current ⁽¹⁾	8 A	10 A
Maximum lamp voltage ⁽¹⁾	24 V	24 V
Maximum lamp power	< 100 W	> 100 W
Resistance through lamp circuit	< 0.015 Ω	< 0.015 Ω
Solenoid voltage ⁽²⁾	6 a 24 V	6 a 24 V
Solenoid current ⁽²⁾	0.65 A	0.65 A
Solenoid minimum life rated Number of actuations	1 million	1 million
Positioning accuracy	0.8 mm	0.8 mm
Vibration	5 G	5 G
Shock	20 G	20 G
Weight	1 kg	1 kg
Temperature range:		
Turret	-40°C +215°C	-40°C +260°C
Solenoid	-54°C +121°C	-54°C +121°C
Terminal barrier	-40°C +130°C	-40°C +130°C

⁽¹⁾Limited by the maximum lamp power.

⁽²⁾Optional 6 V solenoid (4.5 V ... 15 V).

- Electromagnetic Compatibility **CE**
- Optionally has a lamp position sensing circuit that creates a closed circuit through two additional terminals when lamp turret reaches the preset position in its rotation.

