

Automatic Power Lampchangers

Model APL1297A

Founder and Inventor, Charles F. Wallace, developed and patented the first lampchanger in 1928. This patent established the Wallace and Tiernan company as the pioneer in the electrification of aids to navigation lighting. Heir to the Wallace and Tiernan Company, Automatic Power's high standards of reliability, quality, and serviceability are based on sixty years of experience in manufacturing lampchanger assemblies.

Unique Design

Automatic Power's lampchangers are totally autonomous units which detect a lamp failure and automatically rotate a new lamp into the operating position. They do not require a flasher unit to detect a lampout condition and initiate lampchanging. A variety of flashers may be used to power this unit--contact with your local Automatic Power representative for compatibility information. Conversely, no flasher is required for steady burn applications and a group of lanterns with lampchangers may be voltage regulated and flashed from a single flasher on the circuit.

Standard Features

Shock-free motorized lampchanging which virtually eliminates the filament failures associated with spring wound lampchangers.

Index Free Lampchanging. Unlike spring wound lampchangers, the full benefit of all the lamps on the turret is assured regardless of the lamp position selected.

Reverse Polarity Protected and Auto Rotation Limit.

All Contacts gold plated and treated with corrosion block.

Anodized Aluminum Frame insulated from battery negative. Auxiliary Motor Cover.

Operating temperature -40C to +60C.

Versatility

Mechanically and Electrically Interchangeable with APL-1297 and FU-1297 units produced since 1938. 5-16 Volts AC or DC operation.

4-place or 6-place units. 4-place units will swing both S- and S-11 lamps in a 155mm lantern. 6-place unit will swing S-8 lamps only.

Factory Mutual approved when used with Automatic Power Flashers and Lanterns rated for NEC Class 1, Division I, and Class 1, Division II areas.



Options

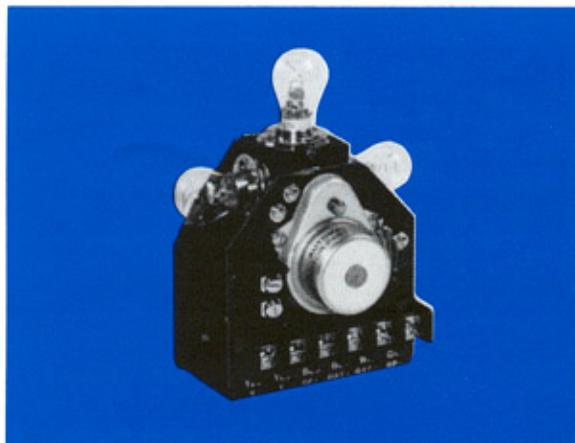
Last Lamp Indicator.

Custom mounting brackets for non-standard marine lanterns.

MODELS

Part No.	Description	Application
8087-0059	6 Place DC	Buoys and Obstruction Lights
8087-0060	4 Place DC	" "
8087-0096*	6 Place DC	Barge Lights
8087-0097*	4 Place DC	Barge Lights
8087-0062	4 Place AC/DC	Bridge Lights
8087-0061	6 Place AC/DC	Bridge Lights
8087-0039	6 Place DC	Replaced by 8087-0059
8087-0038	4 Place DC	Replaced by 8087-0060

*Built-in daylight control or simple rhythm flasher.



Automatic Power Inc