

Description

The Edwards 114 Series Beacons are UL and cUL listed signaling appliances in a NEMA 4X and IP65 rated enclosure. They are available in either steady-on or flashing incandescent. Separate models are available for surface and pipe mounting. A protective wire guard, Cat. No. 114-GRD or a 180 degree dome block out assembly, Cat. No. 114-DBO are also available.

Specifications

Catalog Number	Voltage	Current	Mounting	Light Type	Replacement Bulb**
114SSIN*-G1	24V DC	0.61A	Surface	Steady-on	1692
114PSIN*-G1	24V DC	0.61A	1/2" Pipe	Steady-on	1692
114SSIN*-N5	120V AC	0.15A	Surface	Steady-on	15T7DC
114PSIN*-N5	120V AC	0.15A	1/2" Pipe	Steady-on	15T7DC
114SFIN*-G1	24V DC	0.61A	Surface	Flashing	1692
114PFIN*-G1	24V DC	0.61A	1/2" Pipe	Flashing	1692
114SFIN*-N5	120V AC	0.15A	Surface	Flashing	15T7DC
114PFIN*-N5	120V AC	0.15A	1/2" Pipe	Flashing	15T7DC

*Letter in this position indicates lens color: A - amber, B - blue, C - clear, G - green, or R - red

**All bulb numbers listed are Industry Standard.

Installation

WARNING

To prevent electrical shock, ensure that power is turned off before installing the signal or performing any maintenance.

Conduit Mounting (Figure 1)

1. Thread the 12" (45.7 cm) signal wire leads through 1/2" (13mm) conduit into an approved conduit outlet box.
2. Thread the conduit onto the base of the signal.
3. Using wire nuts (not supplied), connect the signal's wire leads as shown in Figure 1. Polarity must be observed.

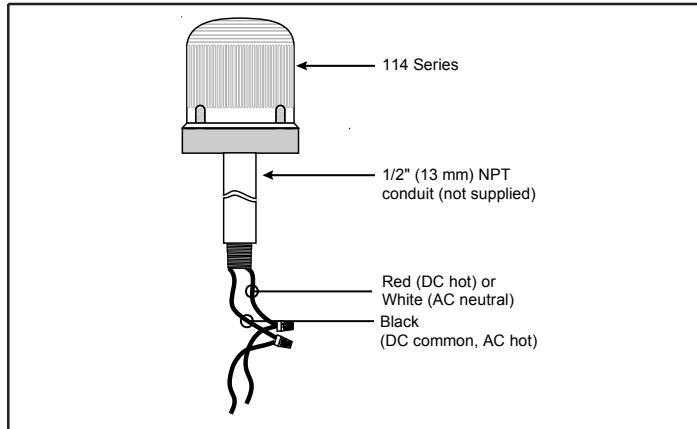


Figure 1. Conduit Mounting

Panel Mounting (Figure 2)

Note: The integrity of the outdoor, NEMA 4X, and IP65 rating on the panel assembly at the interface with the 114 Series Visual Indicator relies on the construction and configuration details of the mounting surface. Installer should evaluate.

1. Place the mounting gasket (supplied) over the hole in the panel and route the signal wires through the gasket and the hole in the panel.
2. Insert the base through the hole in the panel and screw the locking nut (supplied), with the raised locking edge facing the mounting surface, onto the base to secure the beacon.
3. Using wire nuts (not supplied), connect the signal's wire leads as shown in Figure 2. Polarity must be observed.

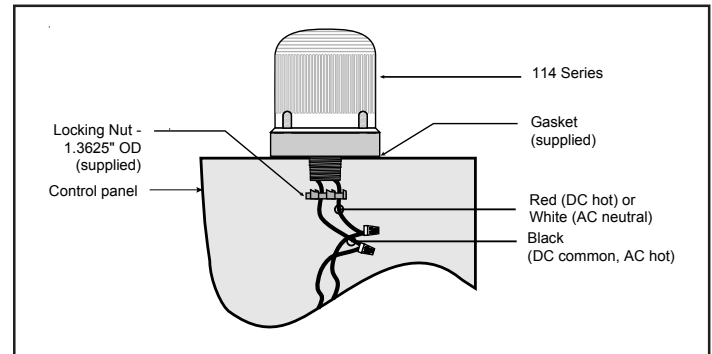


Figure 2. Panel Mounting

Maintenance

WARNINGS

To prevent electrical shock, ensure that power is turned off before installing the signal or performing any maintenance.

To avoid risk of injury, install lens before energizing.

Cleaning

The module lens exterior surfaces should be periodically cleaned with a soft clean cloth using water and a mild detergent to maintain optimum light visibility. Disconnect power before cleaning.

Light Source Replacement

1. **Conduit Mounted Modules:** Disconnect wiring and, if necessary, unscrew base from conduit (Figure 1).
Panel Mounted Modules: Disconnect wiring and remove locking nut securing the base to the panel (Figure 2).
2. Remove screws securing the lens to the base from bottom of base and remove lens.
3. Unplug lamp and replace with new lamp as appropriate (see specifications). Replace lens on base and secure with screws removed in step 2.

Table 1. Programming Logic Controller (PLC) Compatibility: PLC output to meet following product input parameters.

Cat. No.	Operating voltage (Volts)	Max. off state leakage current (mA)	Continuous on current (mA)	Repetitive Surge (Amps/milliseconds)	Surge (inrush/duration)
114SSIN-G1 or 114PSIN-G1	24V DC	25	25	0.68A	7A Exponentially decaying
114SSIN-N5 or 114PSIN-N5	120V AC	25	25	0.3A / 8 ms	0.8A Exponentially decaying
114SFIN-G1 or 114PFIN-G1	24V DC	25	25	2.5A / 60 ms	7A Exponentially decaying
114SFIN-N5 or 114PFIN-N5	120V AC	25	25	0.5A / 8 ms	0.8A Exponentially decaying