

Installation Instructions for 104 Series AdaptaBeacon® Modules in NEMA 4X Enclosures

Description

The 104 Series AdaptaBeacon is a UL listed and CSA certified signaling appliance in a NEMA 4X and IP65 rated enclosure. CE Marked. The modules can be panel mounted or conduit mounted.

AdaptaBeacon modules are available in Flashing LED (104FLED), Steady-On LED (104SLED), Flashing Halogen (104FINH), Steady-On Halogen (104SINH) or Flashing Strobe (104ST). The maximum capacitor operating temperature (Tc) is 185°F (85°C).

The modules are available in a variety of colors as listed in Table 1.

Catalog Number	Voltage	Current	Illumination Source
104FLED(*)-G1	24V DC	0.062 A	28 LED Cluster
104FLED(*)-N5	120V 50/60 Hz	0.022 A	28 LED Cluster
104SLED(*)-G1	24V DC	0.062 A	28 LED Cluster
104SLED(*)-N5	120V 50/60 Hz	0.022 A	28 LED Cluster
104FINH(*)-G1	24V DC	0.77 A	9W Halogen Bulb
104FINH(*)-G5	24V 50/60 Hz	0.77 A	9W Halogen Bulb
104FINH(*)-N5	120V 50/60 Hz	0.25 A	12W Halogen Bulb
104SINH(*)-G1	24V DC	0.77 A	9W Halogen Bulb
104SINH(*)-G5	24V 50/60 Hz	0.77 A	9W Halogen Bulb
104SINH(*)-N5	120V 50/60 Hz	0.25 A	12W Halogen Bulb
104ST(*)-N5	120V 50/60 Hz	0.12 A	Xenon Strobe Tube

*Letter in this position signifies color of the lens. For available colors, see Table 1.

Specifications

WARNING

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

Installation

Conduit Mounting (Figure 1)

1. Thread the 18" (45.7 cm) signal wire leads through either 1/2" (13mm) or 3/4" (19 mm) conduit into an approved conduit outlet box. (Product is supplied with a double threaded - 1/2" (13mm) internal and 3/4" (19mm) external - conduit hub.)
2. Wire the beacon as follows:
 - a. For AC models, use wire nuts (not supplied) and connect the signal's black and white wire leads to the power source wires as shown in Figure 1. Polarity is not relevant.
 - b. For DC models, connect the signal's red wire to the positive power source wire and connect the signal's black wire to the negative power source wire using wire nuts (not supplied). Polarity must be observed. Refer to Figure 1.

WARNINGS

To avoid risk of injury, install lens before energizing the unit.

To avoid the risk of injury, do not remove or insert lamp when unit is energized.

3. Thread the conduit onto the base of the signal.
4. Turn on power and verify that the signal operates properly.

Panel Mounting (Figure 2)

Note: The integrity of the outdoor, NEMA 4X, and IP65 rating on the panel assembly at the interface with the 104 Series AdaptaBeacon 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. Wire the beacon as follows:
 - a. For AC models, use wire nuts (not supplied) and connect the signal's black and white wire leads to the power source wires as shown in Figure 2. Polarity is not relevant.
 - b. For DC models, connect the signal's red wire to the positive power source wire and connect the signal's black wire to the negative power source wire using wire nuts (not supplied). Polarity must be observed. Refer to Figure 2.
4. Turn on power and verify that the signal operates properly.