

Installation Instructions for Mounting Flange Kit for use with the 102 Series Trilipical™ Stackable Status Indicator

Contents

- A (1) 102PMF pipe mount flange
- B (4) #10-24 x 1" (25 mm) pan head, phillips screws
- C (4) o-rings
- D (1) mounting gasket
- E (4) external tooth #10 star washers
- F (4) #10-24 hex nuts
- G (1) green #10-16 x 3/8" pan head, thread forming ground screw
- H (1) brass terminal cup washer

Accessories

- 102MP-4 4" Extension Pipe
- 102MP-10 10" Extension Pipe
- 102MP-15 15" Extension Pipe


Description

The Edwards Trilipical Stackable Beacon Lighting System is a unique audible-visual signaling device that can contain up to 5 light modules and either a single or multiple tone module in a single "stack."

The pipe mount flange, 102PMF, and one of the three extension pipes (sold separately) allow the status indicator to be raised above the mounting surface for increased visibility. It can be used with either the Cat. No. 102TBS or Cat. No. 102PMBS mounting bases.

Installation

Installation must be in accordance with the latest edition of the National Electrical Code and other governing standards and codes for standard installation.

 **WARNINGS**

To prevent electrical shock, do not connect power until instructed to do so.

To prevent abrasion of wiring insulation, ensure that wire passage holes are adequately protected.

1. Panel mount the 102PMF pipe mount flange (A) as follows.
 - a. Using the supplied gasket (D) as a guide, mark the four mounting holes and the center clearance hole on an appropriate surface.
 - b. Punch the four mounting holes. Punch the wiring clearance hole in the mounting surface to be sufficiently larger than that in the gasket to ensure the wiring insulation is protected from abrasion by the gasket (without interfering with the mounting screw holes), or provide other appropriate wire insulation abrasion protection as needed.
 - c. Screw the pipe extension (purchased separately) into the mounting flange.
 - d. Ground the flange by pulling the ground wire through the mounting surface clearance hole and center hole of the gasket. Connect earth ground to the bottom of the base mount flange using the ground screw (G) and wire retention terminal cup washer (H).
 - e. Pull the remaining field wiring through center clearance hole of mounting surface, center hole of the gasket, pipe mount flange and extension pipe.
 - f. Align the mounting gasket (D) and flange (A) on the panel. Secure using (4) #10-24 x 1" (25 mm) pan head screws (B), (4) external tooth #10 star washers (E) and (4) #10-24 hex nuts (F). See Figure 1.
2. Mount the base as follows.
 - a. Install either Cat. No. 102TBS or Cat. No. 102PMBS base on 3/4" (19 mm) conduit (not supplied). Pull field wiring through conduit entrance hole.
3. Connect field wiring as instructed in the installation instructions, P/N 500002, provided with the mounting base.
4. Assemble the stackable beacon lighting system as described in the installation instructions provided with either the mounting base or the appropriate components.

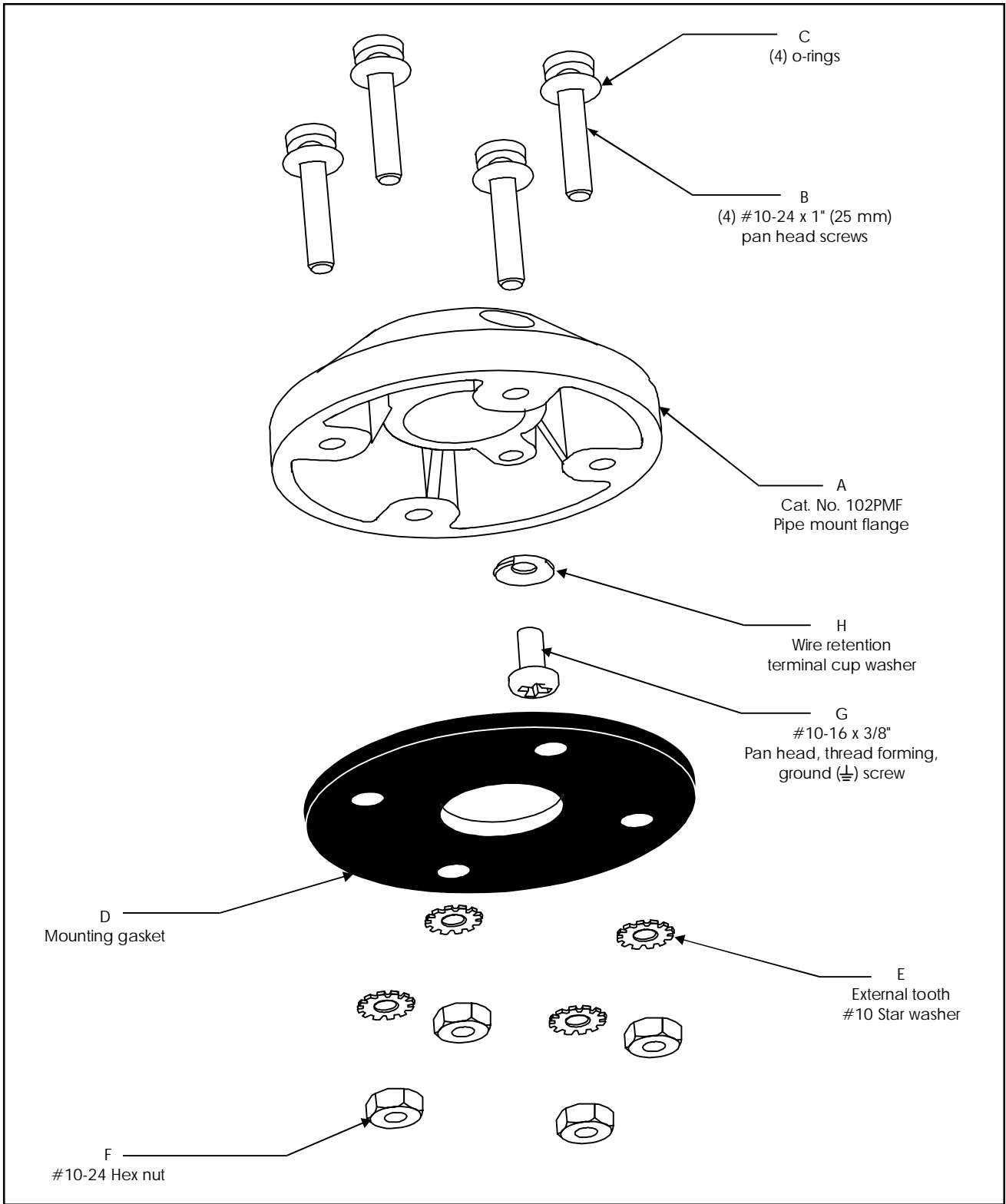


Figure 1. Mounting Kit Assembly