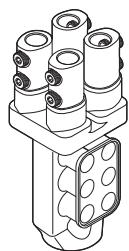


INSTALLATION INSTRUCTIONS

Connector, FTN 1000 6N series

With six hole NEMA pad



(FTN 1000-22-6N shown)



Important

Read and understand all instructions and safety information before use. Be aware of proper usage and potential hazards.



CAUTION:

- Product should be installed by a qualified electrician in accordance with national and local electrical codes.
- Wear protective gloves and any other required personal protective equipment according to your company guidelines.



WARNING

- Risk of shock, disconnect power before installation.

Installation Instructions:

Attaching FTN connector to transformer pad.

1. Install by sliding FTN connector over NEMA six hole transformer pad (Figure 1).

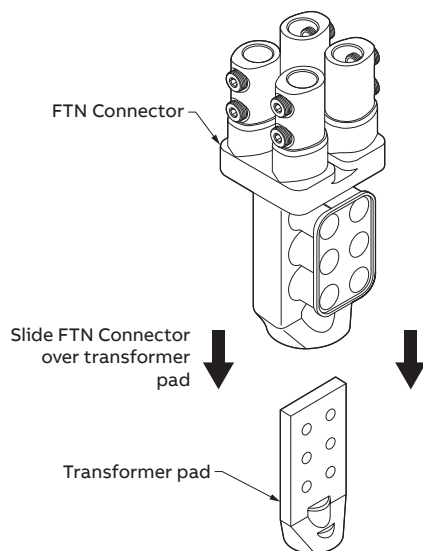


Figure 1

Contents:

- (1) FTN Series connector
- (6) 1/2-13 Bolts, stainless steel
- (6) Flat Washers, stainless steel
- (6) Belleville Washers, stainless steel
- (6) Plug
- Silicone grease
- CS 5539 flood seal (one per outlet)

2. Install hardware (flat washer, belleville washer and bolt) into the six holes of the pad on the FTN connector. Ensure holes on transformer pad and FTN connector line-up (Figure 2).

– Torque to 40 ft.-lbs.

3. Insert the plugs into the holes to seal the hardware (Figure 2).

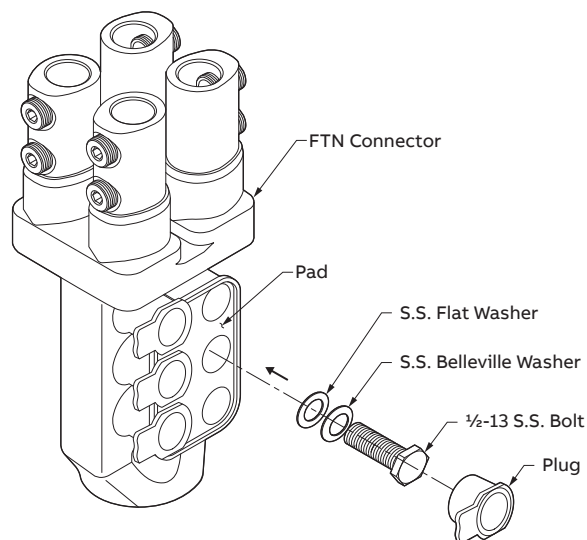


Figure 2

4. Fill gap in between the bottom of the FTN connector and the transformer bushing with waterproof sealant/insulating material, example Eaton AquaSeal sealant. Tape over bottom of the FTN connector with 3M ¾" vinyl tape or equivalent to complete the seal. (Figure 3).

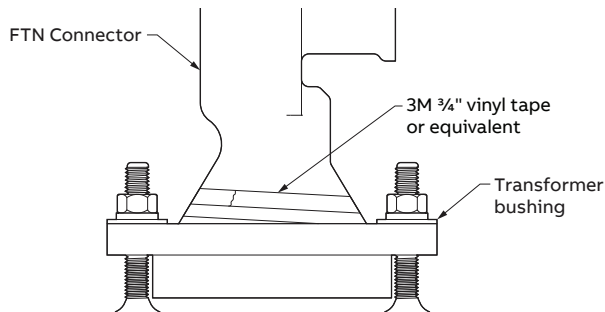


Figure 3

Homac - Flood-Seal™ and cable installation

1. Remove flood seal from the outlet. Select correct cut-off ring for cable being used (Figure 4).

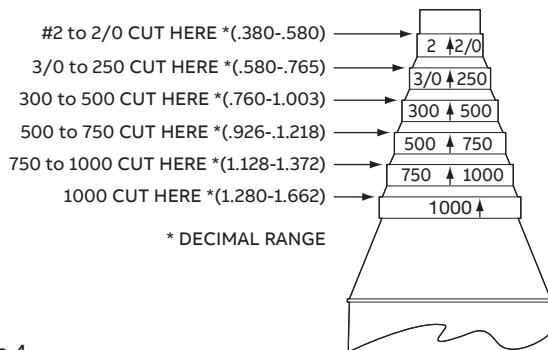


Figure 4

2. Cut flood seal at the tip of the arrow, leaving correct cable size showing on cut flood seal (Figure 5).

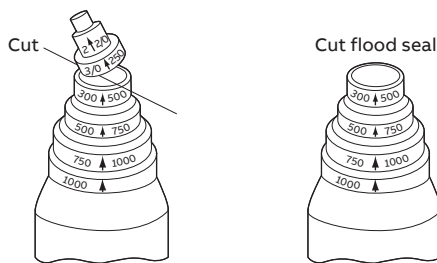


Figure 5

3. Strip the insulation from the cable end baring approximately 4½" of conductor (Figure 6).

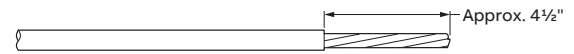


Figure 6

4. Apply silicone grease over cable insulation. Slide cut flood seal over cable (Figure 7).

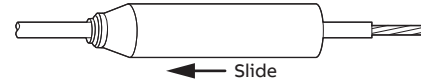


Figure 7

5. Thoroughly wire brush bare conductor to break up oxides (Figure 8).

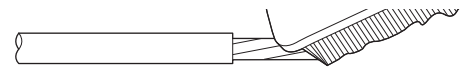


Figure 8

6. Insert conductor into the outlet barrel. Tighten set screws down on the conductor to listed torque values. (Figure 9).

Wire Size	Inch lbs.	Foot lbs.
#14 to #3	120	10
#2 to 2/0	240	20
3/0 to 350 MCM	300	25
400 MCM to 600 MCM	360	30
700 MCM to 1000 MCM	480	40

7. Slide flood seal over outlet and onto PVC shoulder until flood seal butts against connector bar (Figure 10).

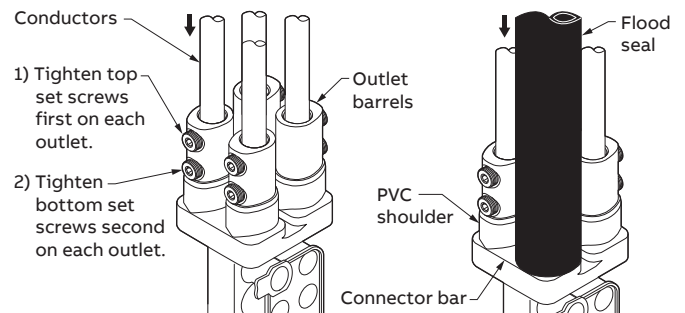


Figure 9

Figure 10