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Responsibility: Operations Department
Scope: Kantech Power supply installation

Installation of a KT400 Power supply

Job instruction:

Scope of Instruction:

Materials/Tools required
Installation process

1. Materials Required:

- a. KT400 Enclosure
- b. KT400 75VA transformer
- c. 4-11/16" square box, 2-1/8" deep
- d. 2- electrical marrettes
- e. 1- 1/2" Chase nipple with nut
- f. 1- 3/16" steel drill bit
- g. 1- 1/2" step bit
- h. 1- 7" of 18/2 wire (Connectors)

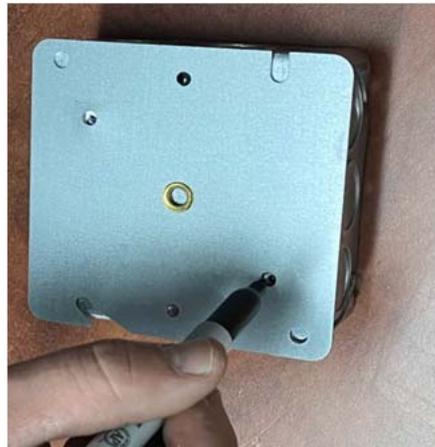


2. Installation process:

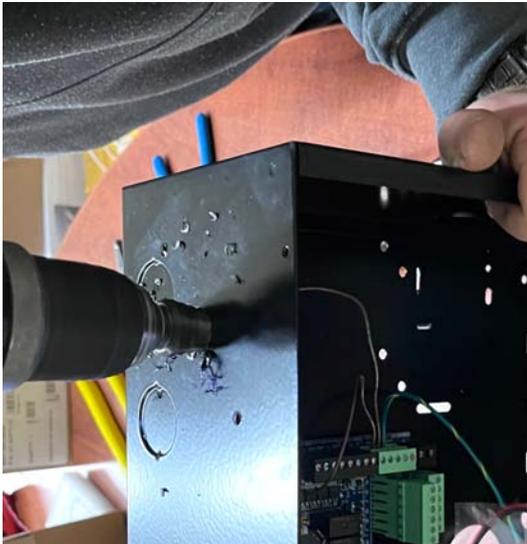
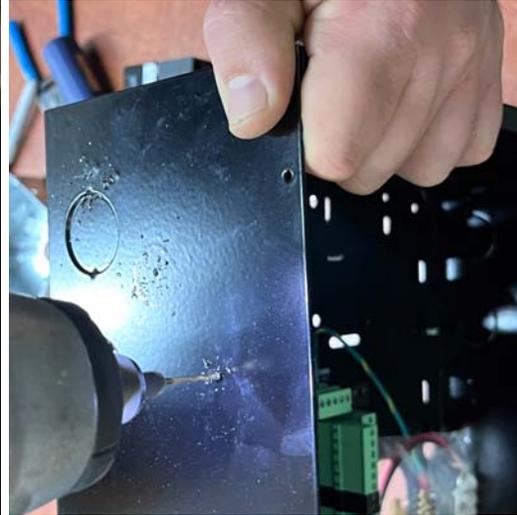
- a. Remove the nuts from the rear of the transformer to access the plate.
- b. Place the plate on the right side of the KT400 on the lower corner and align the electrical box as show.



- c. Using the back plate as a template mark using a sharpie the two holes that the transformer are secured to.
- d. Drill two holes into the electrical back box using the 3/16" drill bit.



- e. Remove the center knock out and place on the KT400 enclosure.
- f. Use your sharpie and transfer the holes onto the KT400 enclosure.
- g. Using the 3/16" drill bit drill the two holes where the transformer bolts will pass thru. Also drill a pilot hole for the 1/2" step bit.
- h. Using the step bit debur the inside holes in the enclosure.



- i. Install the case nipple and sandwich the enclosure to the junction box.
- j. Install the transformer with the 5 amp breaker facing toward the front. Pass the wires thru and secure the two nuts connecting the transformer to the enclosure.



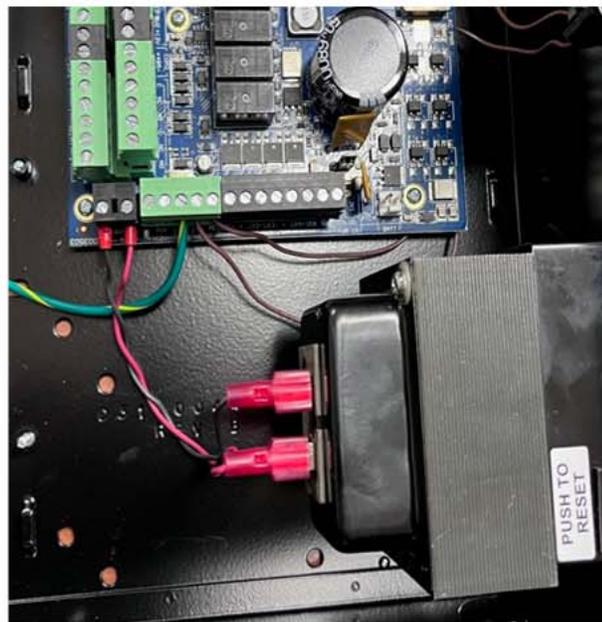
- k. Trim and install electrical marrettes.



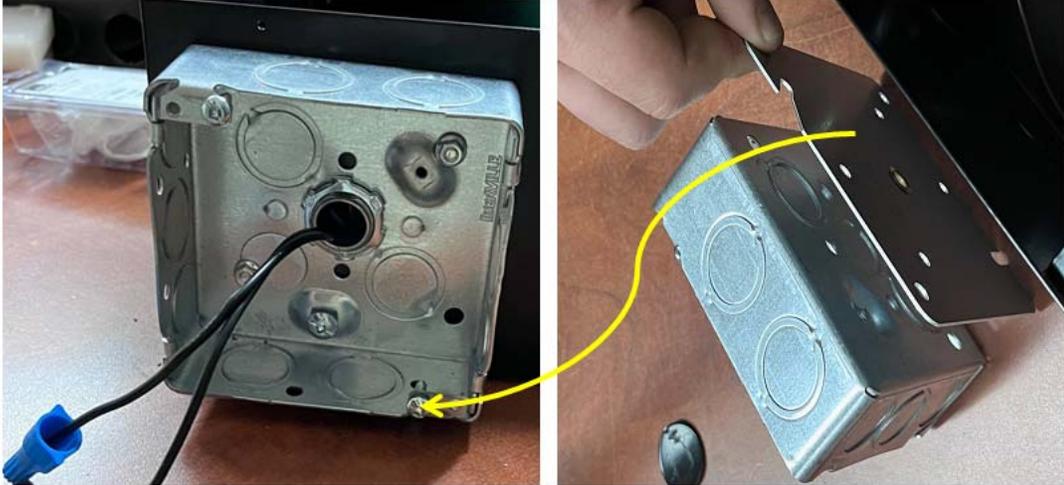
- I. Clean the inside of the enclosure and remove all metal shavings using a vacuum.



- m. Once cleaned, cut a piece of 18/2 wire 7" long and install from transformer to KT400 Control board.



- n. Using the transformer base plate that was used as your template secure onto the new 4-11/16" box.



Once complete close up everything lock the box and place the keys back on the top where they were originally.

Complete.