TC100

Power Supply/Battery Enclosure for Altronix Power and Sub-Assemblies or Mercury LP1501 Board

Installation Guide

Altronix®

More than just power.™

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____

Overview:

Altronix TC100 is a NEMA 1 Rated power supply/battery enclosure that can accommodate a wide variety of Altronix power supplies, sub-assemblies, accessories, or a Mercury LP1501. Altronix enclosures feature ample knockouts that are suitable for 3/4" and 1" conduits. The TC100 can be wall mounted or mounted to various electric boxes such as a single/double gang box or a 1900 electrical box.

Specifications:

Features:
- 16 AWG powder coated steel enclosure with seven (7) double knockouts (accommodate 0.75" and 1" conduit).
- Dimensions (H x W x D): 8.125" x 7.4" x 3.55" (206.4mm x 188mm x 90.2mm).
- Includes cam lock and mounting hardware.

Enclosure Accommodates a Combination of the Following:

Altronix:
- One (1) AL125ULB, AL175ULB, AL176ULB, AL201ULB, Circ1ATS, ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB.

Mercury:
- One (1) LP1501.

Installation Instructions:

Wiring methods shall be in accordance with the National Electrical Code/NFPA 70/ANSI, and with all local codes and authorities having jurisdiction. Product is intended for indoor use only.

1. Mark and predrill holes on the wall to line up with the top two keyholes in the enclosure. Install two upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's upper keyholes over the two upper screws; level and secure. Mark the position of the lower two holes. Remove the enclosure. Drill the lower holes and install the two fasteners. Place the enclosure's upper keyholes over the two upper screws. Install the two lower screws and make sure to tighten all screws.
2. Mount Altronix or Mercury board to enclosure, refer to *page 3.*

Installation Instructions for Mounting Sub-Assemblies to TC100:

1. Fasten nylon spacers onto metal pems configuration (A) or (B) of enclosure depending on the Altronix or Mercury board *(Fig. 2, pg. 3).*
2. Position board over corresponding spacers and secure board into enclosure with supplied four (4) pan head screws *(Fig. 2, 2a, pg. 3).*

# Installation Instructions for Mounting TC100 to an Electric Box:

1. Using proper mounting configuration, attach TC100 to the electric box *(Fig. 3, pg. 3).*

Sub-Assembly Position Chart for the Following Models:

Sub-Assembly	Pem Mounting
Altronix Power Supply/Charger or Sub-Assembly	Ⓐ
Mercury LP1501	Ⓑ

Fig. 2 - **TC100 Configuration**

Fig. 2a

Pem
Nylon Spacer
Back of TC100
Sub-Assembly
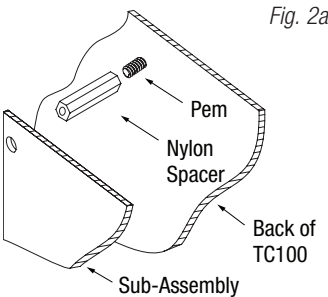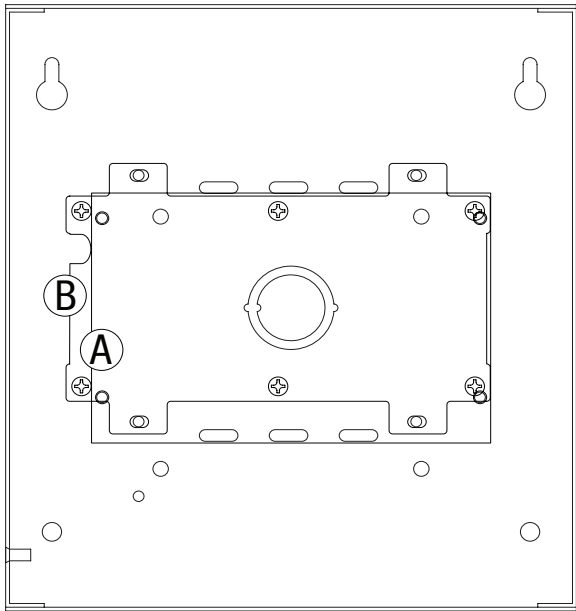
Fig. 3 - **TC100 Mounting Options**

Single Gang Box
Dual Gang Box
1900 Box in either orientation

TC100 Enclosure Dimensions:
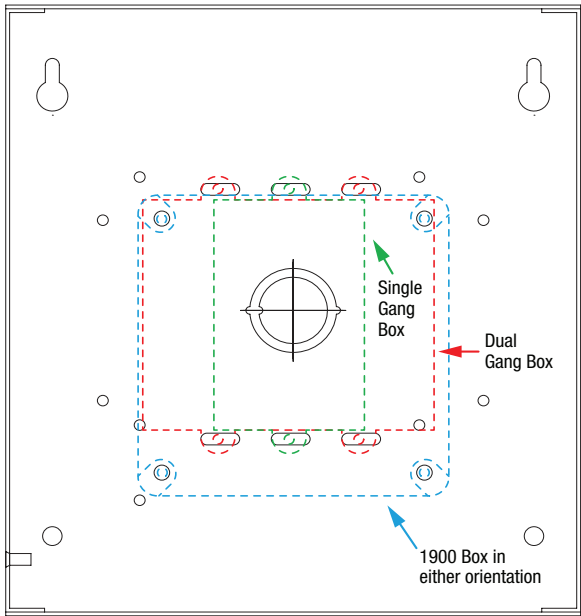
11.0" x 10.25" x 3.5" (279.4mm x 260.4mm x 88.9mm)

Altronix is not responsible for any typographical errors.
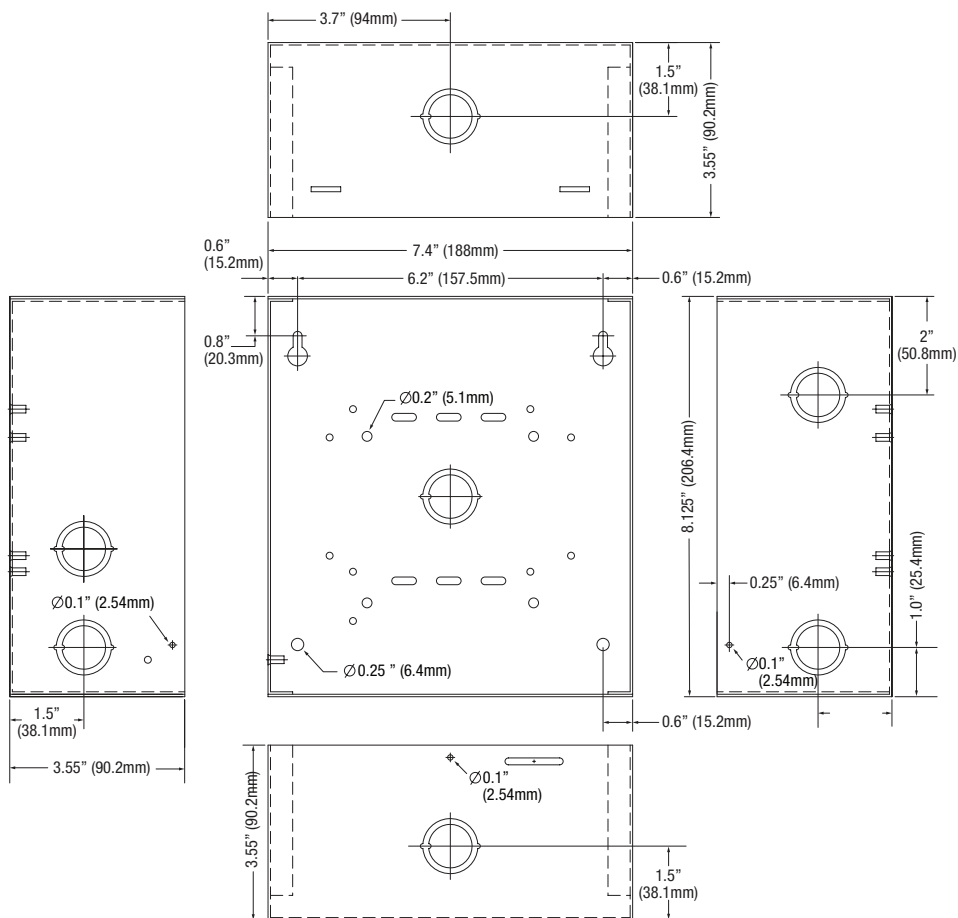
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