



Access & Power Integration

TM250

Compact Enclosure for
Altronix Power and Mercury/Lenel Boards

Installation Guide

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Rev. TM250_121219

More than just power.™

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____



Overview:

Altronix TM250 accommodates various combinations of Mercury EP1501 or MR51e boards with or without Altronix power supply for access systems. It features ample knockouts that are suitable for 0.75" and 1" conduit.

Specifications:

Agency Listings:

- CE European Conformity.

Features:

- 16 AWG powder coated steel enclosure with a single 2" center knockout on the top of the enclosure plus twelve (12) double knockouts (accommodate 0.75" and 1" conduit).
- Accommodates one (1) 12VDC/4AH battery.
- Dimensions (H x W x D): 11.0" x 10.25" x 3.5" (279.4mm x 260.4mm x 88.9mm).
- Includes tamper switch (Altronix Model TS112 or equivalent), cam lock and mounting hardware.

Enclosure Accommodates a Combination of the Following:

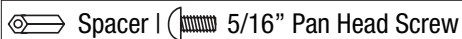
Altronix:

- One (1) Altronix eFlow or Tango power supply/charger.

Mercury:

- Up to two (2) EP1501 or MR51e.

Hardware and Accessories:



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.

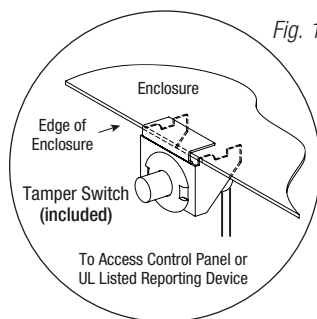
Place the enclosure's upper keyholes over the two upper screws.

Install the two lower screws and make sure to tighten all screws.

2. Mount included UL Listed tamper switch (Altronix Model TS112 or equivalent) in desired location, opposite hinge. Slide the tamper switch bracket onto the edge of the enclosure approximately 2" from the right side (*Fig. 1, pg. 2*). Connect tamper switch wiring to the Access Control Panel input or the appropriate UL Listed reporting device.

To activate alarm signal open the door of the enclosure.

3. Mount Mercury boards to enclosure, refer to *page 3*.



Installation Instructions for Sub-Assemblies to TM250:

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*).

Sub-Assembly Position Chart for the Following Models:

Sub-Assembly	Pem Mounting
Altronix eFlow or Tango1B power supply	(A)
Mercury EP1501, MR51e	(B)

Fig. 2 - TM250 Configurations

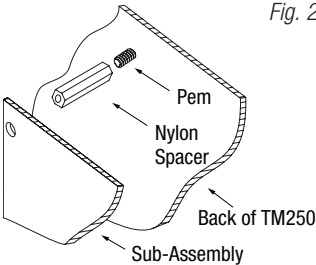
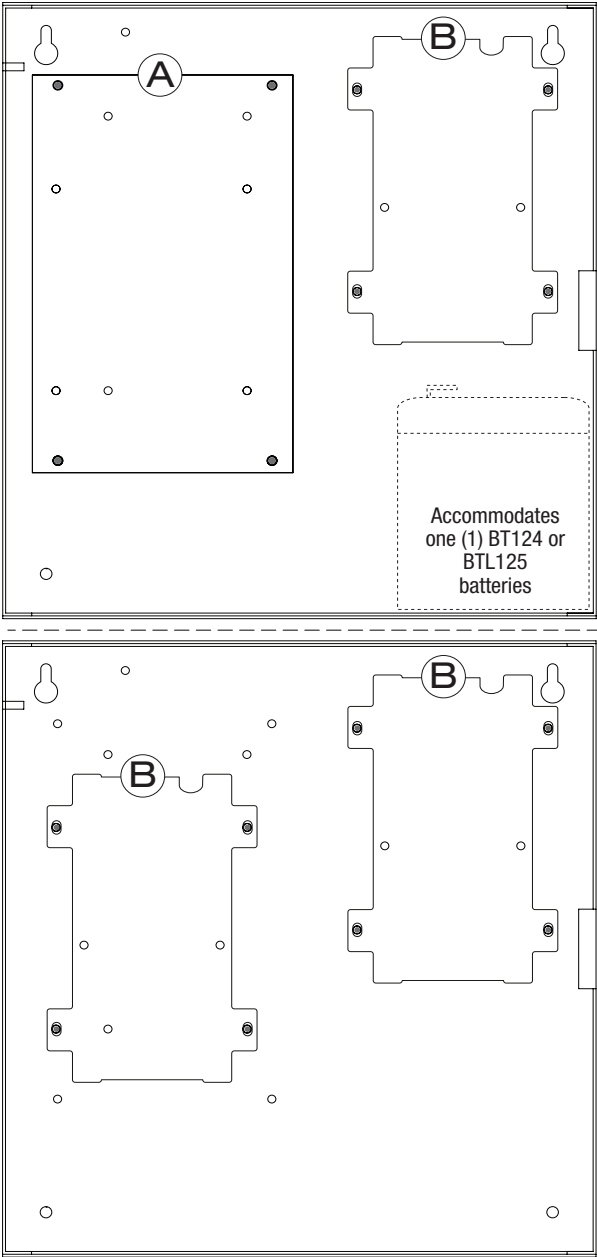
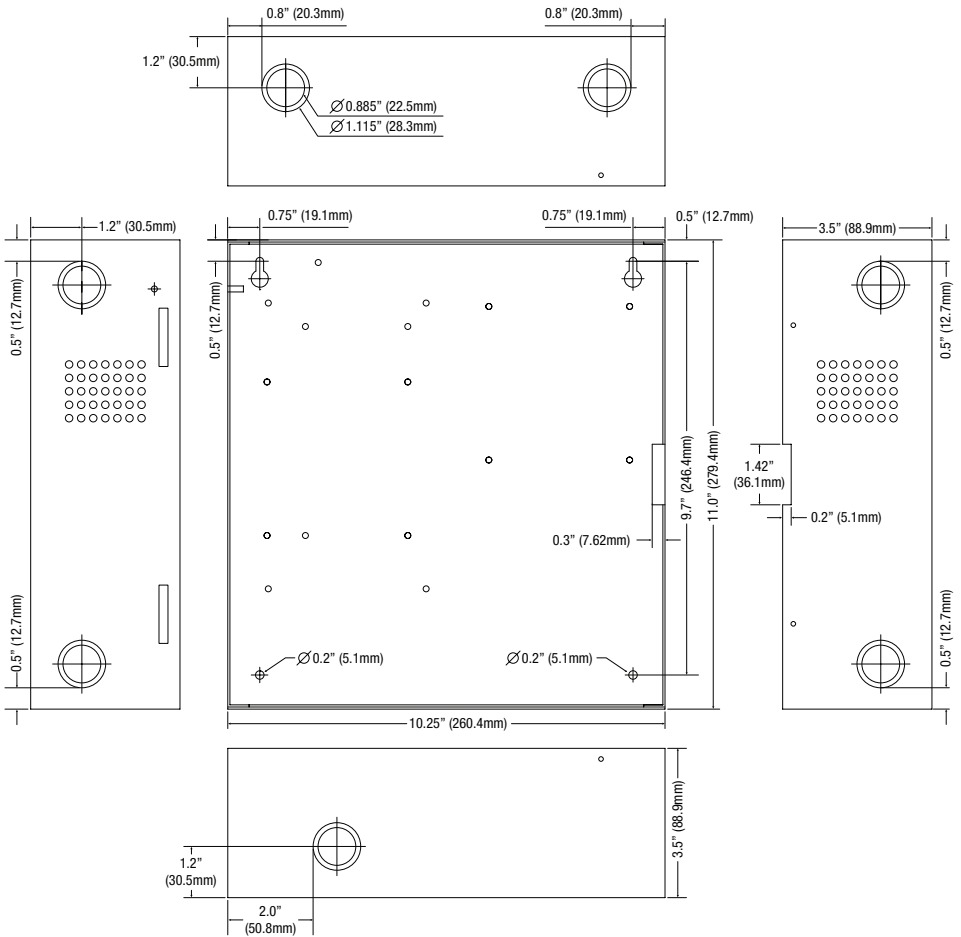


Fig. 2a

TM250 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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