

# TROVE™



## Access & Power Integration

# Trove3MBK3

Trove3 enclosure with TM3B backplane and  
36 BR3M mounting brackets

## Installation Guide

All components of this Trove kit are UL Listed sub-assemblies.

Please refer to the included corresponding Sub-Assembly Installation Guides for further information.



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Rev. T3MBK3042121

Installing Company: \_\_\_\_\_ Service Rep. Name: \_\_\_\_\_

Address: \_\_\_\_\_ Phone #: \_\_\_\_\_

## Overview:

Altronix Trove3MBK3 enclosure/backplane and brackets accommodate Altronix power supply/charger(s), sub-assemblies and Mercury controllers.

## Hardware and Accessories:

- Two (2) tamper switches (Altronix Model TS112 or equivalent).
- Cam lock.

## Mechanical:

- 16 Gauge enclosure with ample knockouts for convenient access.
- Enclosure Dimensions (H x W x D): 36.12" x 30.125" x 7.06" (917.5mm x 768.1mm x 179.3mm).

## 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 in the wall to line up with the top three keyholes in the enclosure. Install three upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's upper keyholes over the three upper screws, level and secure. Mark the position of the lower three holes. Remove the enclosure. Drill the lower holes and install the three fasteners. Place the enclosure's upper keyholes over the three upper screws. Install the three lower screws and make sure to tighten all screws.
2. Mount included UL Listed tamper switches (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 Altronix power supply/charger(s), sub-assemblies and Mercury controllers to brackets (BR3M), refer to drawings below.
5. Secure BR3M brackets with boards to the backplane (TM3B) utilizing two (2) lock nuts (*Fig. 5, pg. 3*).

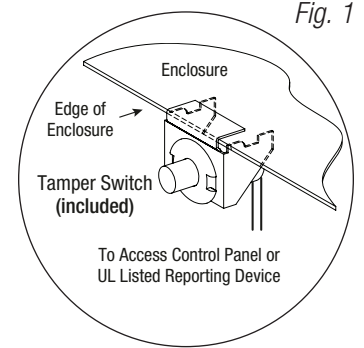
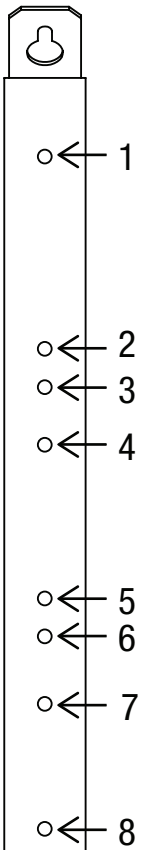


Fig. 1

Fig. 2 - Pem location



PEM Location	Mercury Platform	Altronix
1	LP4502, LP1502, MR16IN, MR16OUT, MR52	ACM4(CB), ACM8(CB), ACMS8(CB), LINQ8ACM(CB), LINQ8PD(CB), PD8UL(CB), PDS8(CB)
2	LP4502, LP1502, MR16IN, MR16OUT, MR52	eFlow4NB, eFlow6NB, eFlow102NB, eFlow104NB
3		ACM4(CB), ACM8(CB), ACMS8(CB), LINQ8ACM(CB), LINQ8PD(CB), PD8UL(CB), PDS8(CB)
4	LP2500, MUX8	
5		ACM4(CB), LINQ8PD(CB), PD8UL(CB), PDS8(CB)
6	LP4502, LP1502, LP2500, MR16IN, MR16OUT, MR52, MUX8	
7		eFlow4NB, eFlow6NB, eFlow102NB, eFlow104NB
8	LP4502, LP1502, LP2500, MR16IN, MR16OUT, MR52, MUX8	ACM4(CB), LINQ8PD(CB), PD8UL(CB), PDS8(CB)

# Trove3MBK3 Configuration of Altronix / LenelS2 / Mercury Platform Boards:

Altronix / Lenel / Mercury Access Controller	Pem Mounting
eFlow4NB, eFlow6NB, eFlow102NB, eFlow104NB	(A)
ACM4, ACM4CB, ACM8, ACM8CB, ACMS8, ACMS8CB, LINQ8ACM, LINQ8ACMCB, LINQ8PD, LINQ8PDCB, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB	(B)
LNL-2220, LNL-4420, LNL-1320, LNL-1100, LNL-1200, LP1502, LP4502, MR52, MR16IN, MR16OUT	(C)

Fig. 3

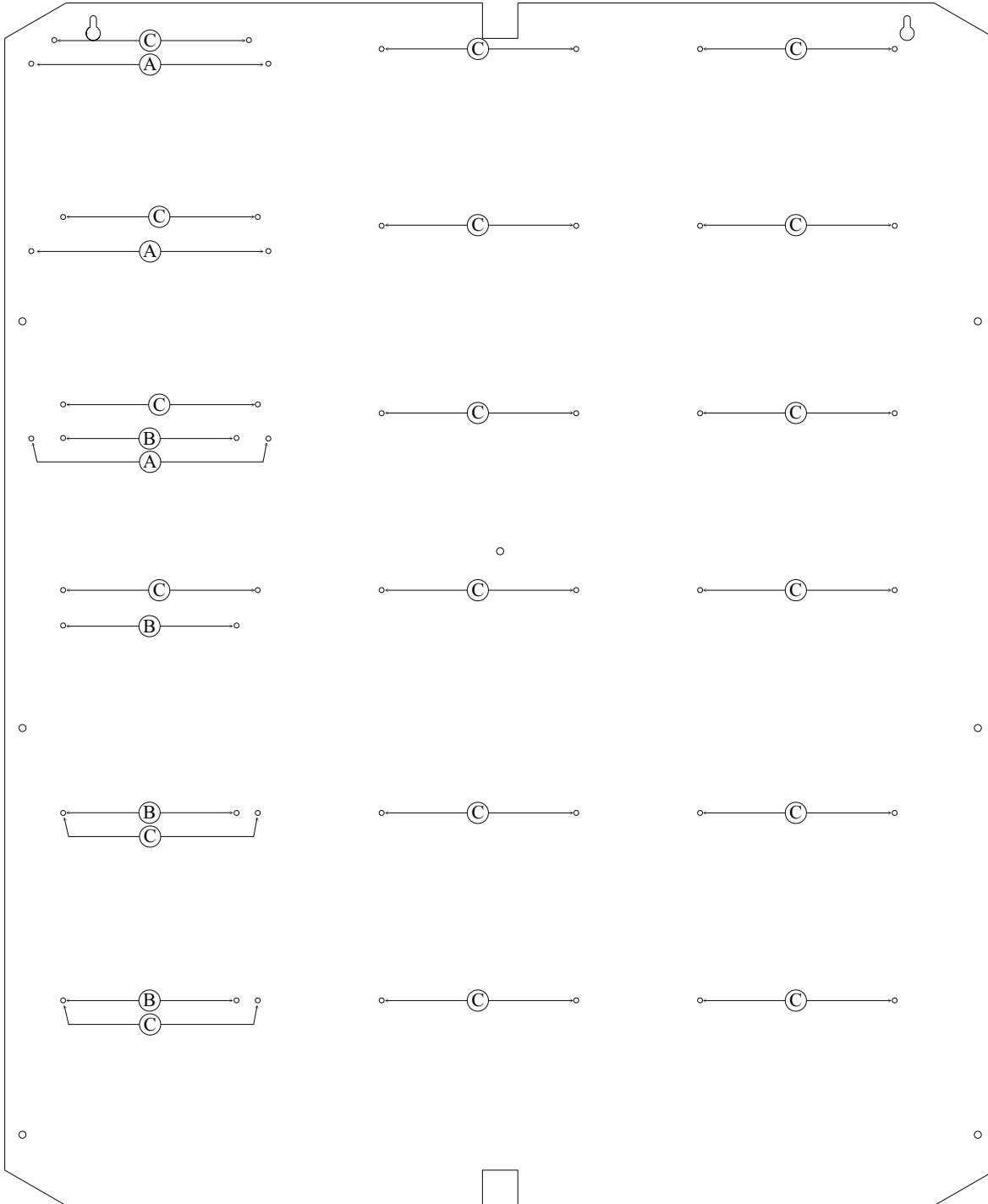
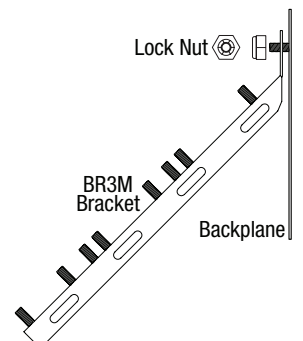
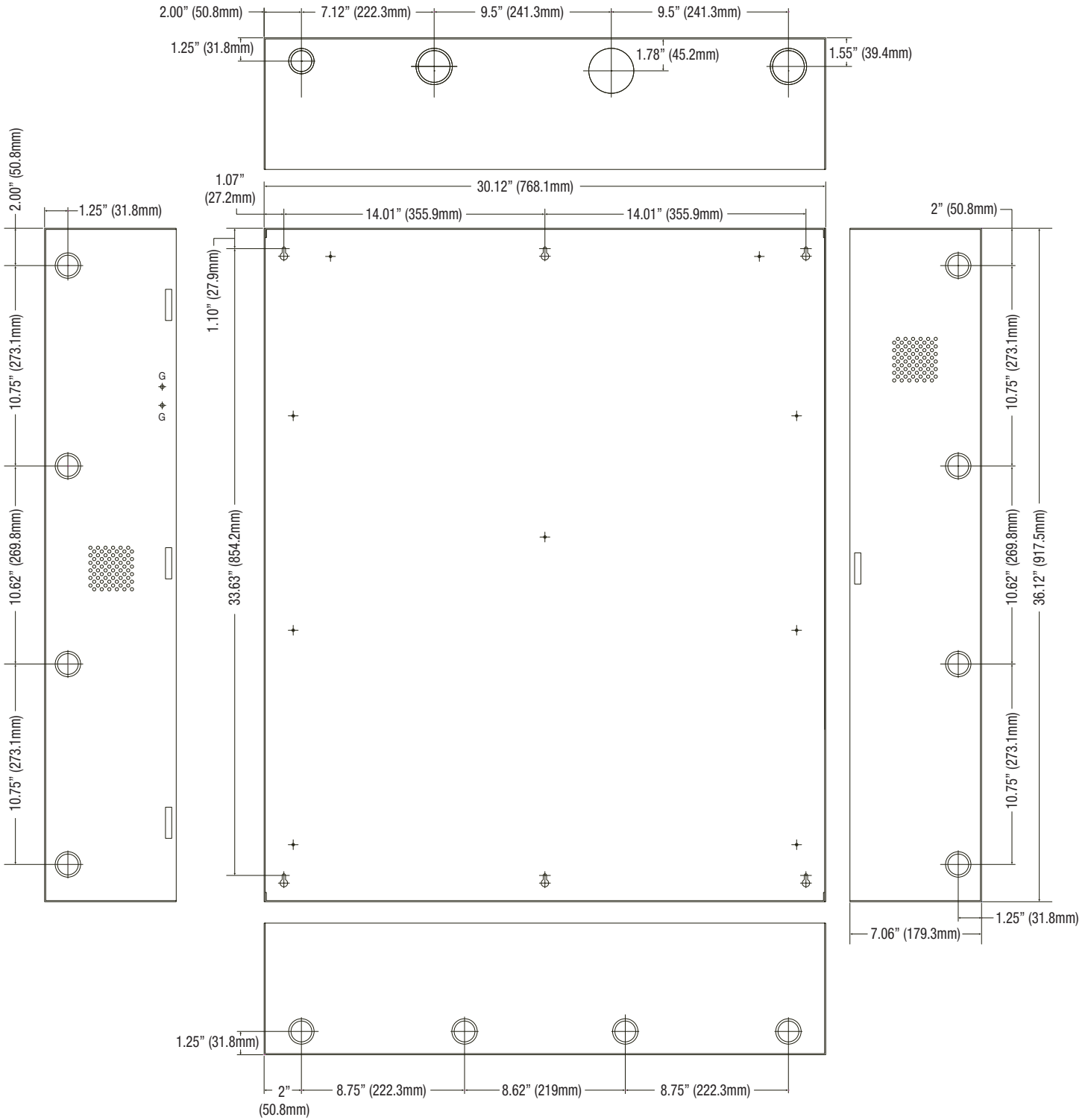


Fig. 4



# Trove3 Enclosure Dimensions (H x W x D approximate):

36.12" x 30.125" x 7.06" (917.5mm x 768.1mm x 179.3mm)



Altronix is not responsible for any typographical errors.

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