

TR²OVE™

Access & Power Integration



Trove2SL2

- Trove2 enclosure with Altronix/Sielox backplane (TSL2)

TSL2

- Altronix/Sielox backplane only

Installation Guide



More than just power.™

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Rev. TSL_103017

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____

Overview:

Trove2SL2 accommodates various combinations of Sielox boards with or without Altronix power supplies and accessories for access systems.

Specifications:

- 16 Gauge grey backplane and enclosure with ample knockouts for convenient access.

Trove2SL2

Trove2 enclosure with TSL2 Altronix/Sielox backplane.

- Includes: tamper switch, cam lock, and mounting hardware.
Enclosure Dimensions (H x W x D):
27.25" x 21.75" x 6.5" (692.15mm x 552.5mm x 165.1mm).

TSL2

Altronix/Sielox backplane only

- Includes mounting hardware.
Dimensions (H x W x D):
25.375" x 19.375" x 0.3125" (644.5mm x 482.6mm x 7.9mm).

TSL2 accommodates a combination of the following:

Altronix Modules:

- Up to two (2) AL400ULXB2, AL600ULXB, AL1012ULXB, AL1024ULXB2, eFlow4NB, eFlow6NB, eFlow102NB, or eFlow104NB.
- One (1) ACM8(CB), ACMS8/ACMS8CB, PDS8(CB), VR6, MOM5, PD4UL(CB), PD8UL(CB), or ACM4(CB).

Sielox Boards:

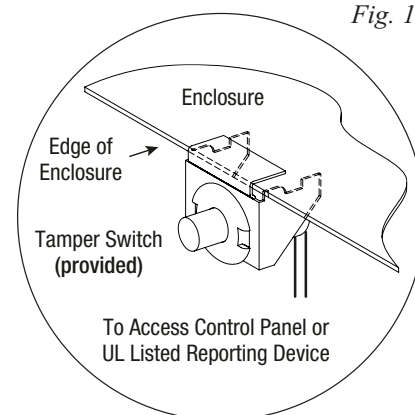
- Up to eight (8) AC-1700.

Agency Listings:

- UL 294 - 6th edition: Line Security I, Destructive Attack I, Endurance IV, Stand-by Power II*.
* Stand-by Power Level I if no battery is supplied.
- This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
- CE European Conformity.

Installation Instructions for Trove2:

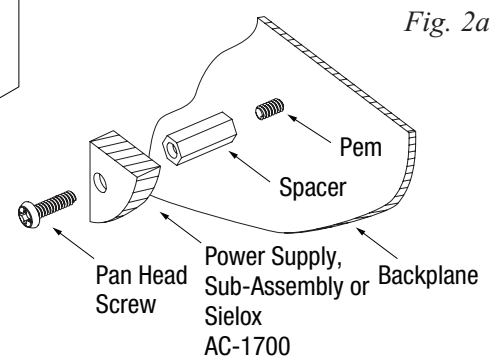
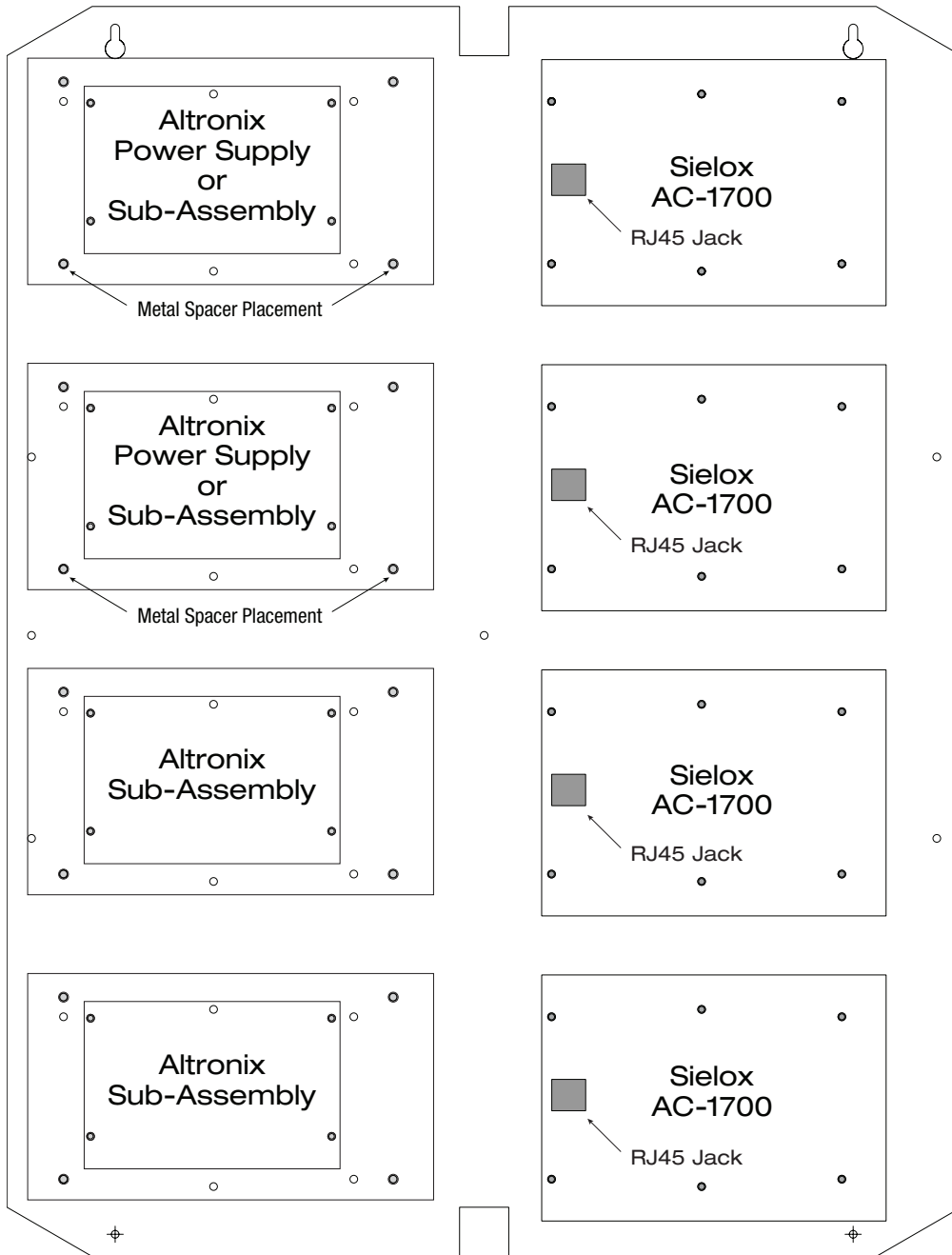
1. Remove backplane from enclosure prior to mounting (do not discard hardware).
2. **Trove2SL2 (Pg. 4):** Mark and predrill holes on the wall to line up with the top three keyholes in the enclosure. Install three upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's 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.
3. 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.
4. Mount Altronix/Sielox modules to TSL2 backplane, refer to *page 3*.



TSL2: Configuration of Altronix Power Supply and/or Sub-Assembly Boards and Sielox AC-1700 Modules

1. Fasten spacers (provided) to pems that match the hole pattern for Altronix Power Supply/Chargers or Altronix Sub-Assembly boards (Fig. 2, pg. 2). Fasten metal spacers in the correct locations to provide proper grounding, see below (Fig. 2, pg. 2).
Note: Each Altronix sub-assembly position can accommodate one (1) ACM8/ACM8CB, ACMS8/ACMS8CB, PD4UL/PD4ULCB, PD8UL/PD8ULCB, MOM5, PDS8(CB) or VR6.
2. Mount boards to spacers utilizing 5/16" pan head screws (provided) (Fig. 2, 2a, pg. 2).
3. Mount Sielox AC-1700 modules into the correct positions (Fig. 2, pg. 2).
Note: Sielox AC-1700 boards have one (1) RJ45 jack each.
 Please make sure that they are mounted correctly, as shown in Fig. 2 below
4. Fasten TSL2 backplane to Trove2 enclosure utilizing pan head screws (provided).

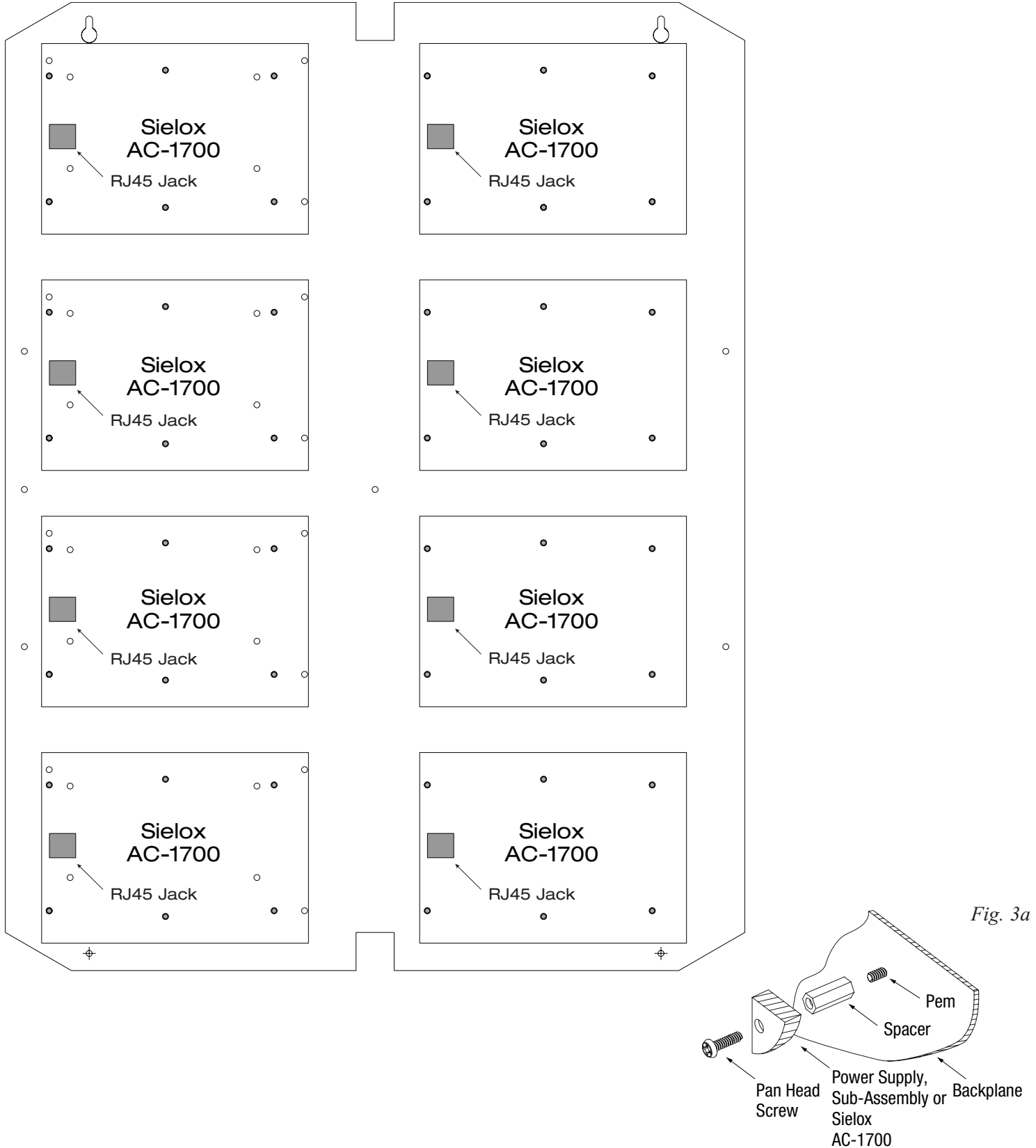
Fig. 2



TSL2: Configuration of Altronix Power Supply and/or Sub-Assembly Boards and Sielox AC-1700 Modules

1. Fasten spacers (provided) to pems that match the hole pattern for Sielox AC-1700 modules, see below (*Fig. 3, pg. 4*).
3. Mount Sielox AC-1700 modules into the correct positions (*Fig. 3, pg. 4*).
Note: Sielox AC-1700 boards have one (1) RJ45 jack each.
 Please make sure that they are mounted correctly, as shown in *Fig. 3* below
4. Fasten TSL2 backplane to Trove2 enclosure utilizing pan head screws (provided).

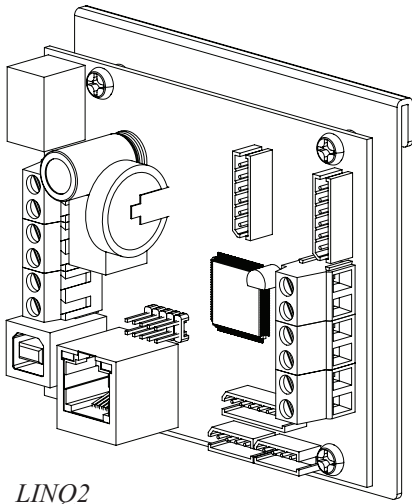
Fig. 3



Notes:



eFlow Power Supply/Chargers can be Controlled and Monitored while Reporting Power/Diagnostics from Anywhere over the Network...



LINQ™

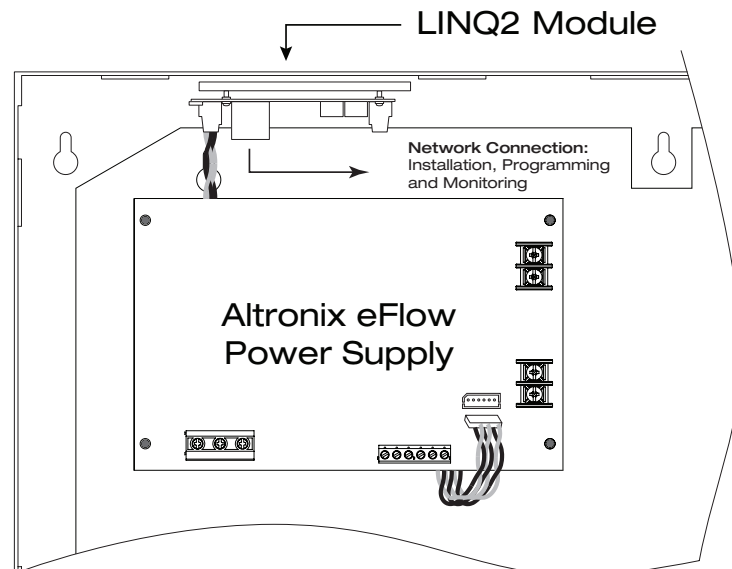
LINQ2 - Network Communication Module

LINQ2 provides remote IP access to real-time data from eFlow power supply/chargers to help keep systems up and running at optimal levels. It facilitates fast and easy installation and set-up, minimizes system downtime, and eliminates unnecessary service calls, which helps reduce Total Cost of Ownership (TCO) - as well as creating a new source of Recurring Monthly Revenue (RMR).

Features:

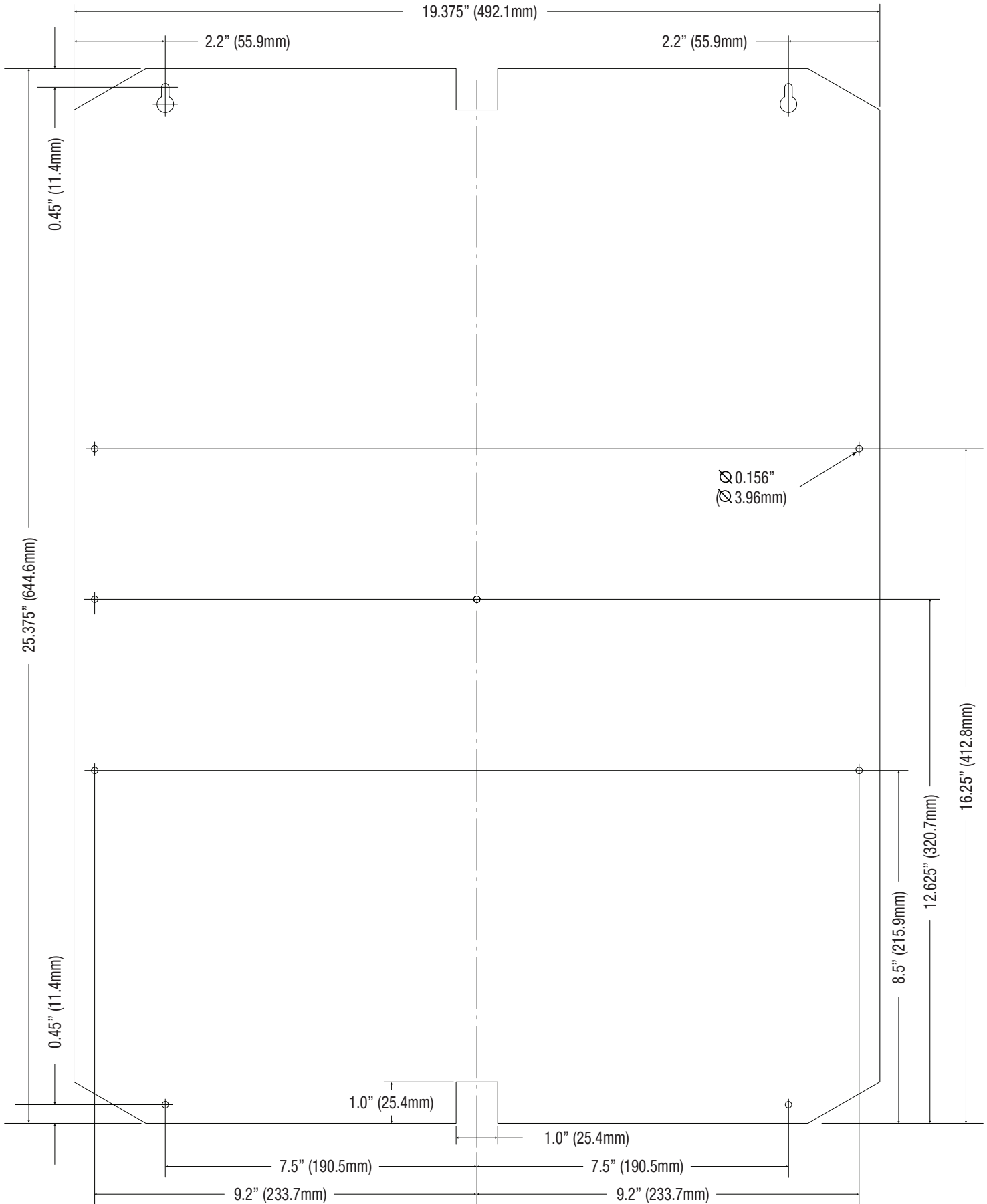
- UL Listed in the U.S. and Canada.
- Local or remote control of up to (2) two Altronix eFlow power output(s) via LAN and/or WAN.
- Monitor real time diagnostics: DC output voltage, output current, AC & battery status/service, input trigger state change, output state change and unit temperature.
- Access control and user management: Restrict read/write, Restrict users to specific resources
- Two (2) integral network controlled Form “C” Relays.
- Three (3) programmable input triggers: Control relays and power supplies via external hardware sources.
- Email and Windows Dashboard notifications
- Event log tracks history.
- Secure Socket Layer (SSL).
- Programmable via USB or web browser - includes operating software and 6 ft. USB cable.

LINQ2 Mounts Inside any Trove Enclosure



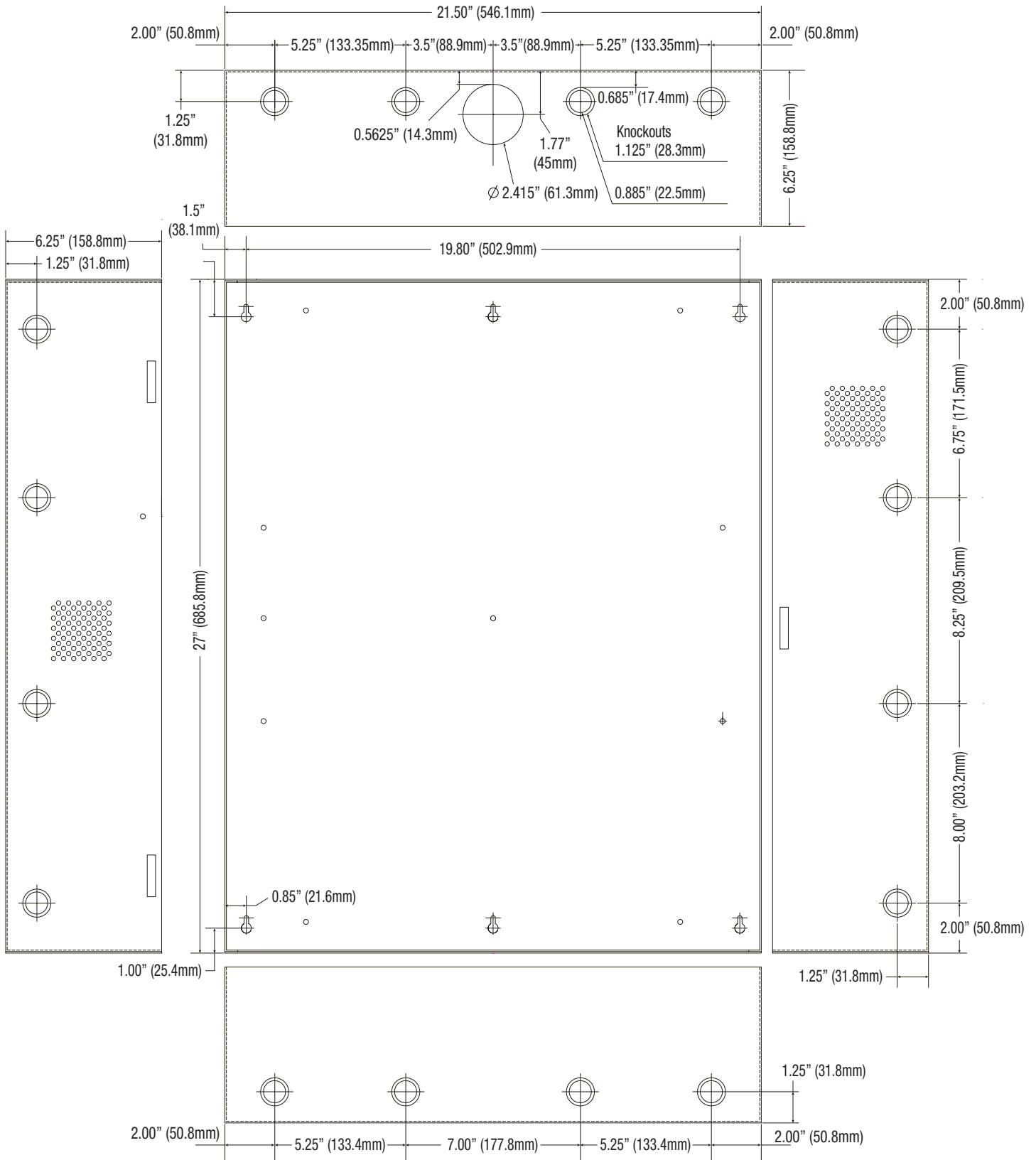
TSL2 Dimensions (H x W x D):

25.375" x 19.375" x 0.5" (644.6mm x 492.1mm x 12.7mm)



Trove2SL2 Enclosure Dimensions (H x W x D):

27.25" x 21.75" x 6.5" (692.15mm x 552.5mm x 165.1mm)



Altronix is not responsible for any typographical errors.

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