

Trove2PD2

- Trove2 enclosure with Altronix/PDK backplane (TPD2)

TPD2

- Altronix/PDK backplane only

Installation Guide



More than just power.™

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Rev. T2PD2011023

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____

Overview:

Altronix Trove2PD2 accommodates various combinations of PDK boards with or without Altronix power supplies and sub-assemblies for access systems.

Specifications:

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

Trove2PD2

Trove2 enclosure with TPD2 Altronix/PDK backplane

- Includes: tamper switch, cam lock, lock nuts, and mounting hardware.
Enclosure Dimensions (H x W x D): 27.25" x 21.5" x 6.5" (692mm x 546mm x 165mm).

TPD2

Altronix/PDK backplane only

- Includes mounting hardware.
Dimensions (H x W x D): 25.375" x 19.375" x 0.3125" (645mm x 492mm x 8mm).

TPD2 accommodates a combination of the following:

• Altronix Modules:

- Up to two (2) AL400ULXB2, AL600ULXB, AL1012ULXB, AL1024ULXB2, eFlow4NB, eFlow6NB, eFlow102NB or eFlow104NB.
- One (1) NetWay4EB, NetWay4E1B, NetWaySP3B, NetWaySP4B, NetWaySP8B
- Up to two (2) ACM8, ACM8CB, ACMS8, ACMS8CB, ACMS12, ACMS12CB, LINQ8ACM, LINQ8ACMCB
- Up to two (2) ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6

• PDK Modules:

- Up to eight (8) Red1, Red2 or Red4 modules.

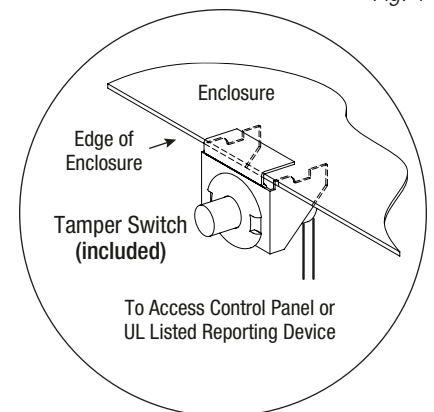
Agency Listings:

- 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. 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/PDK modules to TPD2 backplane, refer to *page 3*.

Fig. 1



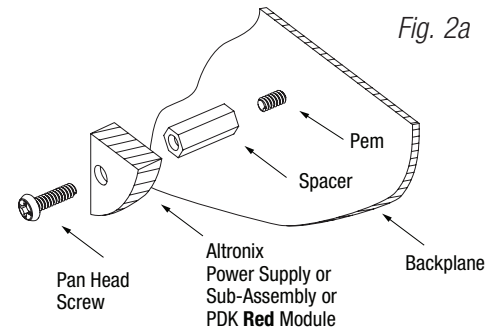
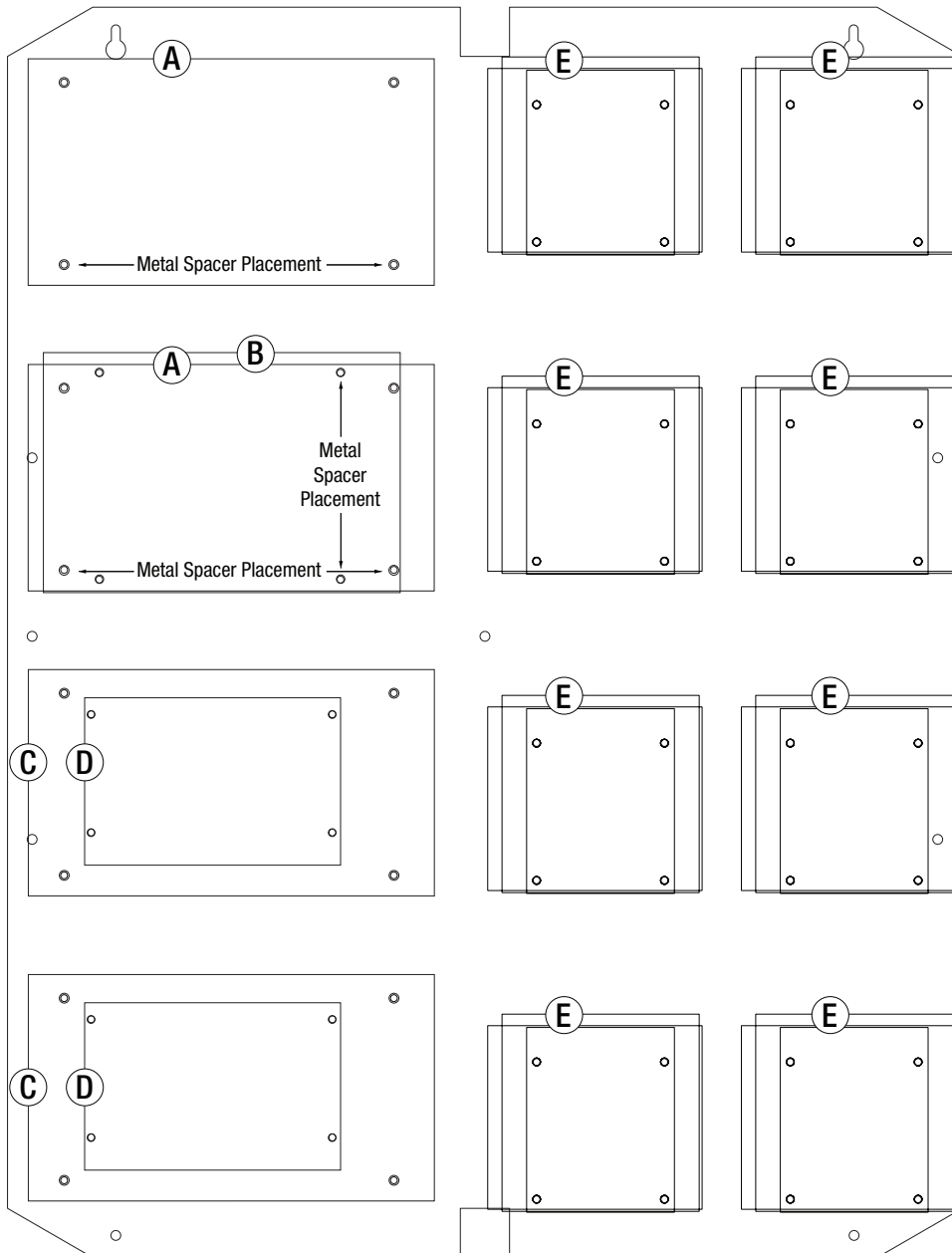
TPD2: Configuration of Altronix Power Supplies, Sub-Assemblies and PDK Modules

1. Fasten spacers (provided) to pems that match the hole pattern for Altronix Power Supply/Chargers (Fig. 2, pg. 3).
Fasten metal spacers in the correct locations to provide proper grounding, see below (Fig. 2, pg. 3).
2. Mount boards to spacers utilizing 5/16" pan head screws (provided) (Fig. 2a, pg. 3).
3. Fasten spacers (provided) to pems that match the hole pattern for PDK modules.
Mount boards to spacers utilizing 5/16" pan head screws (provided) (Fig. 2, 2a, pg. 3).
4. Fasten TPD2 backplane to Trove2 enclosure utilizing pan head screws (provided).

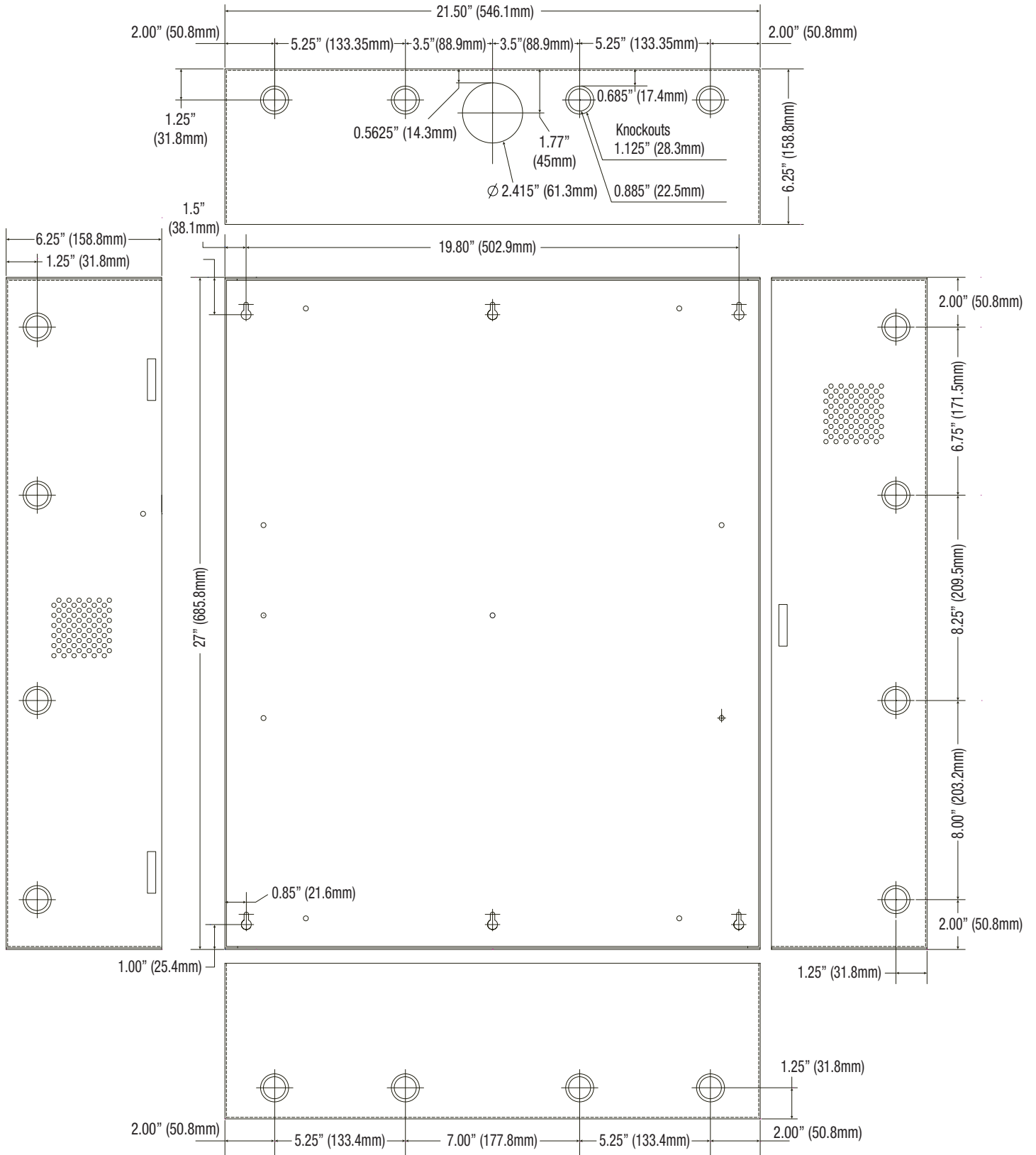
Access Controller Position Chart for the Following Models:

Altronix / PDK	Pem Mounting
AL400ULXB2, AL400ULXB2V, AL600ULXB, AL600XB220, AL1012ULXB, AL1012XB220, AL1024ULXB2, AL1024XB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV, Tango1B	A
NetWay4EB, NetWay4E1B, NetWaySP3B, NetWaySP4B, NetWaySP8B	B
ACM8, ACM8CB, ACMS8, ACMS8CB, ACMS12, ACMS12CB, LINQ8ACM, LINQ8ACMGB	C
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6	D
red1, red2, red4	E

Fig. 2 - Trove2PD2/TPD2 Configuration



Trove2PD2 Enclosure Dimensions (H x W x D): 27.25" x 21.75" x 6.5" (692.2mm x 552.5mm x 165.1mm)



Altronix is not responsible for any typographical errors.

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