Altronix®

Rev. 01142026

T1AXK3F4PD (Kit)

Access & Power Integration Solution for Axis Communications

TROVE™

Altronix T1AXK3F4PD kit consists of Trove1 enclosure, TDR1 DIN Rail/Altronix backplane with one (1) 12VDC @ 6A power supply/charger, and one (1) PTC protected power distribution module. This kit also accommodates one (1) A1710B for up to four (4) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.

AXIS® COMMUNICATIONS

T1AXK3F4PD

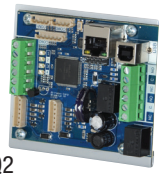
Axis Communications boards are not included

Key Features

- 12VDC or 24VDC power supply/charger
- Accommodates one (1) A1710B module
- Convenient knockout configuration:
  - One (1) double knockout
    1.948" (1-1/2" Conduit) / 1.701" (1-1/4" Conduit)
  - Nine (9) double knockouts
    1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Supervision
  - AC Fail
  - Low Battery and Battery Presence
  - Low power shutdown
- 16 gauge galvanized steel backplane simplifies board layout and wire management
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.
- Agency Listings:
  - All Altronix components of this Trove kit are UL Listed sub-assemblies. Please refer to the Sub-Assembly Installation Guides for further information
    - UL: UL294 - Access Control System
    - cUL: CAN/ULC - s319-05 - Electronic Access Control Systems
  - CE European Conformity
- Lifetime Warranty*

**Altronix Power Supply/Chargers and Sub-Assemblies only*

Accessories (order separately)



LINQ2

LINQ2 - Network Supervision

Altronix LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN

- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Reports system diagnostics via Email

WM5

WM5, WM25, WM100 - Magnetic Cable Tie Mounts

Altronix WM5, WM25, and WM100 are packs of 5, 25 or 100 magnetic cable tie mounts respectively. They accommodate standard zip ties or velcro straps. These are ideal for wire management in our Trove series.

Mounting Magnet

MM4, MM8, MM12, MM24 - Magnetic Mounting Solution

Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/accessories in any metal enclosure or backplane.

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA
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Specifications

Power Supply/Charger (eFlow6NB):

Input

Voltage	120VAC, 60Hz, 3.5A max.
Input Fuse	5A/250V

Outputs

Voltage	12VDC or 24VDC selectable
Current	6A continuous max.
Auxiliary	Power-limited @ 1A (unswitched)
Other	Overvoltage protection. Filtered and regulated

Battery Charging

Capacity	7AH/12VDC (2 within enclosure) 40AH/65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

Batteries are sold separately

Fire Alarm Disconnect

Supervised	Latching or non-latching
EOL	10K Resistor

Supervision

AC Failure	Form “C” contacts
Battery	Form “C” contacts

Low DC Power Shutdown

Shuts down DC output terminals if battery voltage drops below 71-73% for 12V units and 70-75% for 24V units (depending on the power supply). Prevents deep battery discharge

Indicators (LED)

Input	120VAC is present
DC Output	Powered

Power Distribution Module (PD8ULCB):

Input

Voltage	12VDC from eFlow6NB

Outputs

Voltage	12VDC
PTCs	2.5A

Indicators (LED)

Green LED	DC Output

T1AXK3F4PD Kit:

Agency Listings

All components of this Trove kit are UL Listed sub-assemblies
Please refer to the corresponding Sub-Assembly Installation Guides for further information

CE	European Conformity

Physical and Environmental:

Dimensions (H x W x D)

Enclosure:
18” x 14.5” x 4.62” (457.2mm x 368.3mm x 118.0mm)

Shipping:
21.75” x 18.25” x 5.75” (552.5mm x 463.6mm x 146.1mm)

Weight (approx.)

Product:	15.5 lb. (7.0 kg)
Shipping:	19.5 lb. (8.9 kg)

Temperature

Operating	0ºC to 49ºC (32ºF to 120ºF)
Storage	– 20ºC to 70ºC (– 4ºF to 158ºF)
Relative Humidity	85% +/– 5%
BTU/Hr. (approx.):	87 BTU/Hr.

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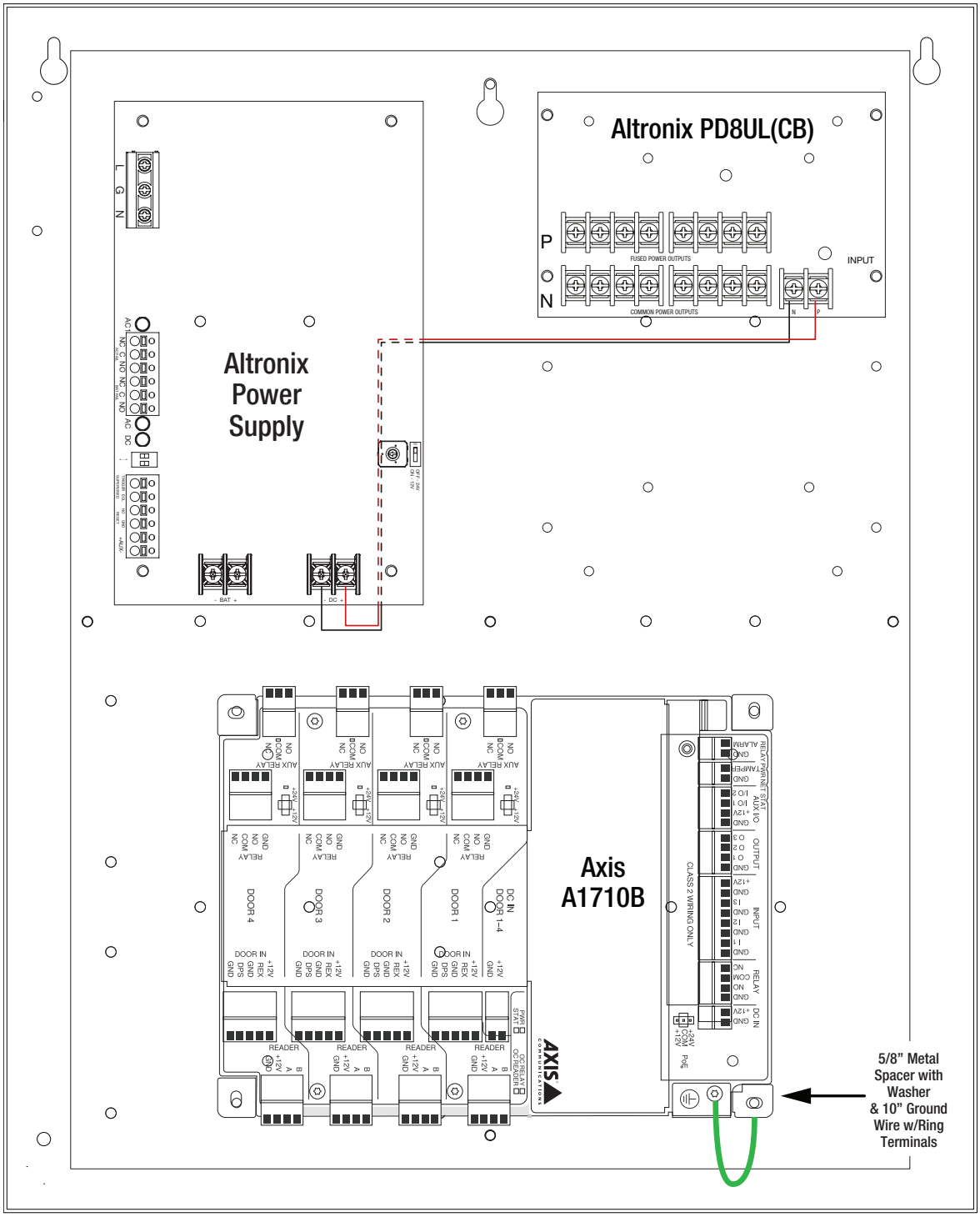
Access Controller Position Chart for the Following Models:

Altronix/Axis Communications	Pem Mounting
Axis 1710B	Ⓐ



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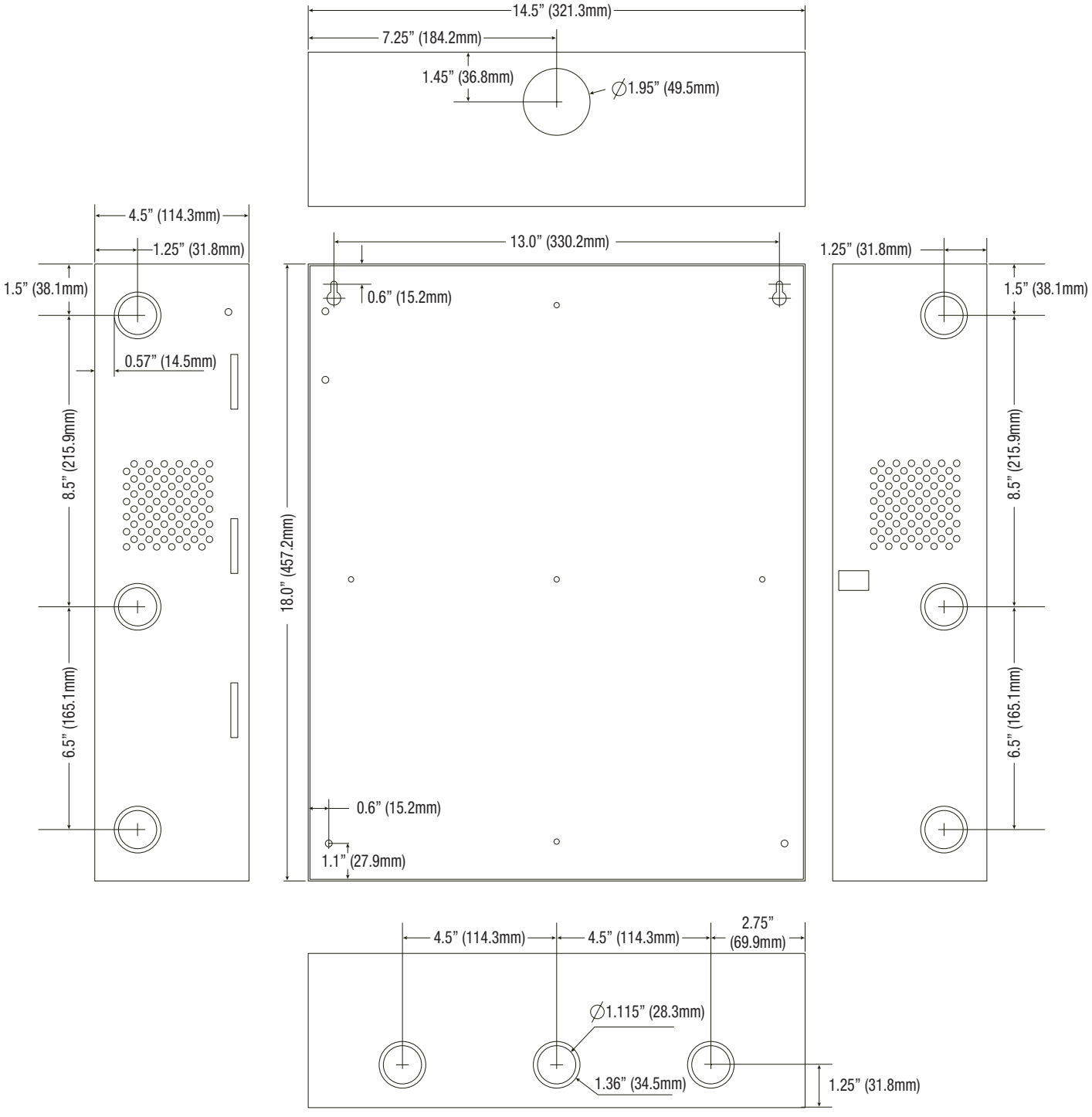
Dimensions and Drawing

Dimensions (H x W x D approximate)

18.0” x 14.5” x 4.625” (457.2mm x 368.3mm x 118mm)



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