

T1PDK7F24

Access & Power Integration Solution

Altronix T1PDK7F24 kit consists of Trove1 enclosure, TPD1 PDK/Altronix backplane with one (1) 24VDC @ 10A power supply/charger. This kit also accommodates up to three (3) PDK PM-07-EIOE-E modules for up to twenty-four (24) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.

TROVE™



T1PDK7F24

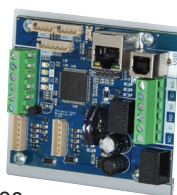


Key Features

- 24VDC power supply/charger
- Accommodates up to three (3) PDK PM-07-EIOE-E modules
- 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)
- 16 AWG galvanized steel backplane simplifies board layout and wire management
- Supervision
 - AC Fail
 - Supervision (*cont'd*)
 - Low Battery and Battery Presence
 - Low power shutdown
- 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.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries
- 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.

Specifications
Power Supply (eFlow104NB):
Input

Voltage	120VAC, 60Hz, 4.5A max.
Main Fuse	6.5A/250V

Outputs

Voltage	24VDC
Current	10A continuous
Auxiliary	Class 2 power-limited @ 1A (unswitched)
Other	Overvoltage protection Filtered and regulated

Battery Backup *(not included)*

Type	Sealed lead acid or gel type
Fuse Rating	10A/32V
Failover	Upon AC loss, instantaneous

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 70-75% for 24V units. Prevents deep battery discharge

Indicators (LED)

Input	120VAC is present
DC Output	Powered.

T1PDK7F24 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
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Physical and Environmental
Dimensions (H x W x D)

18" x 14.5" x 4.62" (457.2mm x 368.3mm x 118.0mm)

Weight (approx.)

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

Temperature

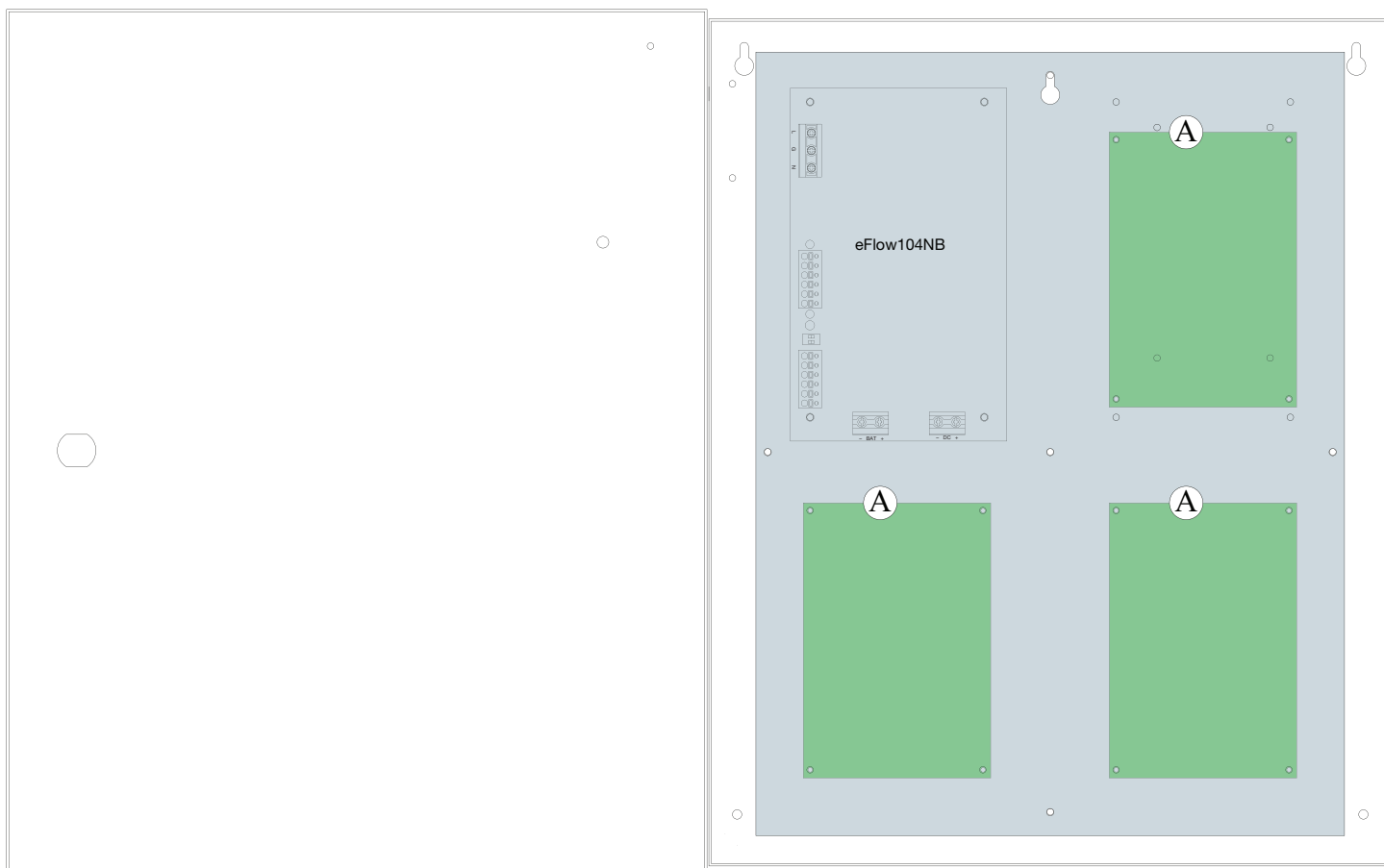
Operating	0°C to 49°C (32°F to 120°F)
Storage	-20°C to 70°C (-4°F to 158°F)

**Relative Humidity
BTU/Hr (approx.):**

12VDC:	40 BTU/Hr.
24VDC:	77 BTU/Hr.

Access Controller Position Chart for the Following Models:

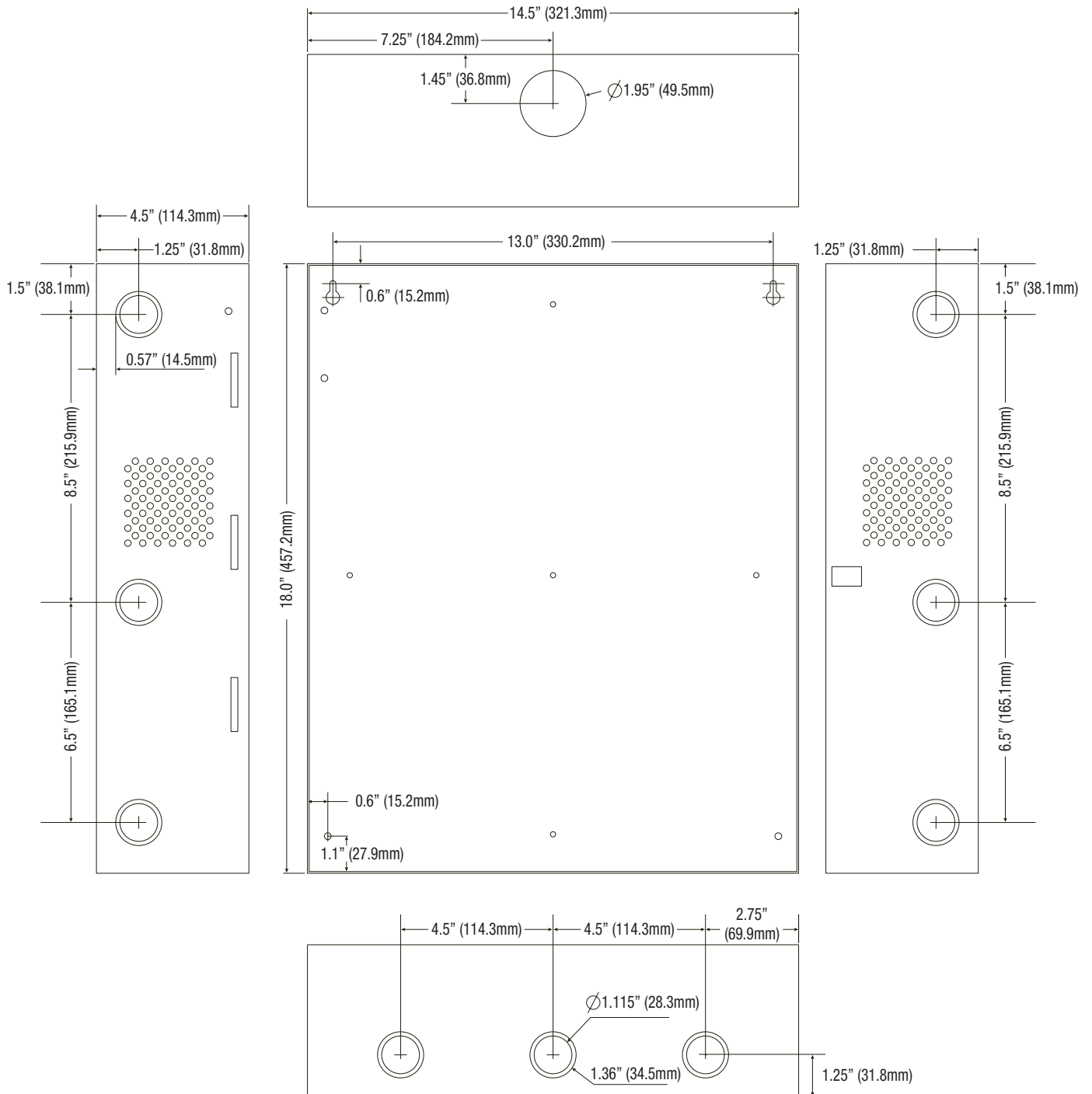
PDK	Pem Mounting
PM-07-EIOE-E	Ⓐ



Dimensions and Drawing

Dimensions (H x W x D approximate)

18" x 14.5" x 4.62" (457.2mm x 368.3mm x 118.0mm)



Lifetime Warranty