

# T1HCK3 (Kit)

## Access & Power Integration Solution for Hartmann



Altronix T1HCK3 kit consists of Trove1 enclosure, THC1 Hartmann Controls/Altronix backplane with one (1) 12VDC or 24VDC @ 6A power supply/charger. This kit also accommodates up to one (1) PRS\_MASTER and four (4) PRS\_TDM, PRS\_IO8 modules for up to eight (8) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T1HCK3

*Hartmann Controls boards are not included*

### Key Features

- 12/24VDC power supply/charger
- Accommodates up to one (1) PRS\_MASTER and three (3) PRS\_TDM or PRS\_IO8 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)
- Supervision
  - AC Fail
  - Low Battery and Battery Presence
  - Low power shutdown.
- 16 AWG 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)



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 (AL600ULXB):

##### Input

Voltage	115VAC, 60Hz, 3.5A max.
Fusing	5A/250V

##### Output

Voltage	12VDC or 24VDC selectable
Current	6A @ 12VDC or 24VDC continuous max.
Other	Overvoltage protection Filtered and regulated

#### Battery Backup

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

#### Supervision

AC Failure	Form "C" contacts
Battery	Form "C" contacts

#### Indicators (LED)

Input	115VAC is present
DC Output	Powered
Battery	Discharged or not connected

#### T1HCK3 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:	39.2 lb. (17.78 kg)
Shipping:	43 lb. (19.5 kg)

###### Temperature

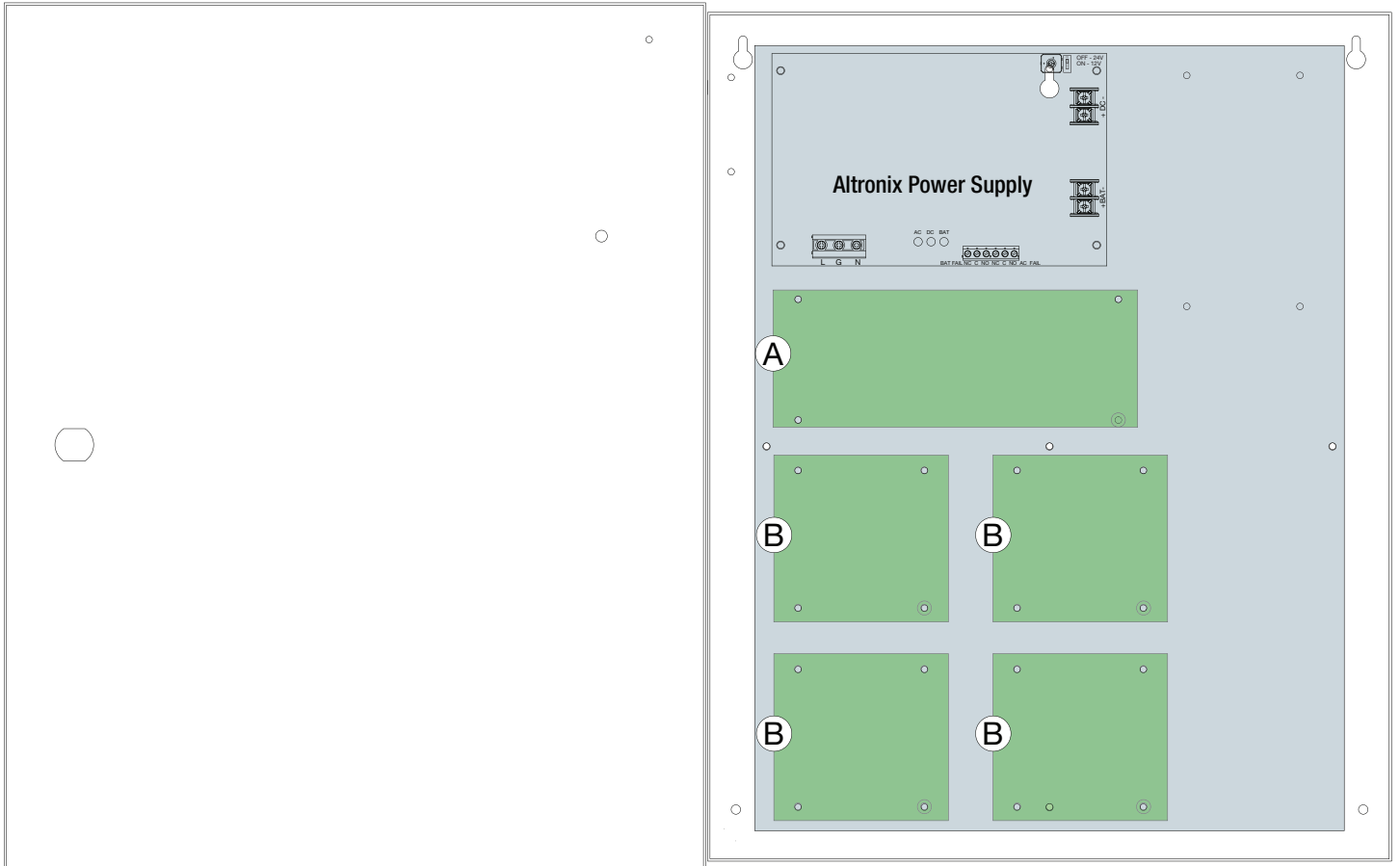
Operating:	0°C to 49°C (32°F to 120°F)
Storage:	- 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr. (approx.): 87 BTU/Hr.

**Access Controller Position Chart for the Following Models:**

Hartmann Controls	Pem Mounting
PRS_MASTER	(A)
PRS_TDM, PRS_I08	(B)



**Dimensions and Drawing**

Dimensions (H x W x D approximate)

18" x 14.5" x 4.62" (457.2mm x 368.3mm x 118mm)

