

T1HCK34 (Kit)

Access & Power Integration Solution for Hartmann



Altronix T1HCK34 kit consists of Trove1 enclosure, THC1 Hartmann Controls/Altronix backplane with 12VDC or 24VDC (factory set at 24VDC) @ 6A power supply/charger, and four (4) fuse protected output access control module. 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.



T1HCK34

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
- 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.
- 16 AWG galvanized steel backplane simplifies board layout and wire management
- Enclosure accommodates up to two (2) 12VDC/7AH batteries
- 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.

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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

Access Power Controller (ACM4):

Input

Voltage	24VDC from AL600ULXB
Input Fuse	10A/32V

Outputs

Voltage	24VDC
Four (4) independently controlled 2.5A outputs:	
a) Four (4) Fail-Safe and/or Fail-Secure power outputs	
b) Four (4) dry form "C" 5A rated relay outputs	
c) Any combination of the above	
Four (4) auxiliary power outputs (unswitched)	

Outputs Ratings

Fuses	3A/32V
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Indicators (LED)

Red LEDs	Outputs are triggered (relays energized)
Green LED	FACP disconnect is triggered

T1HCK34 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

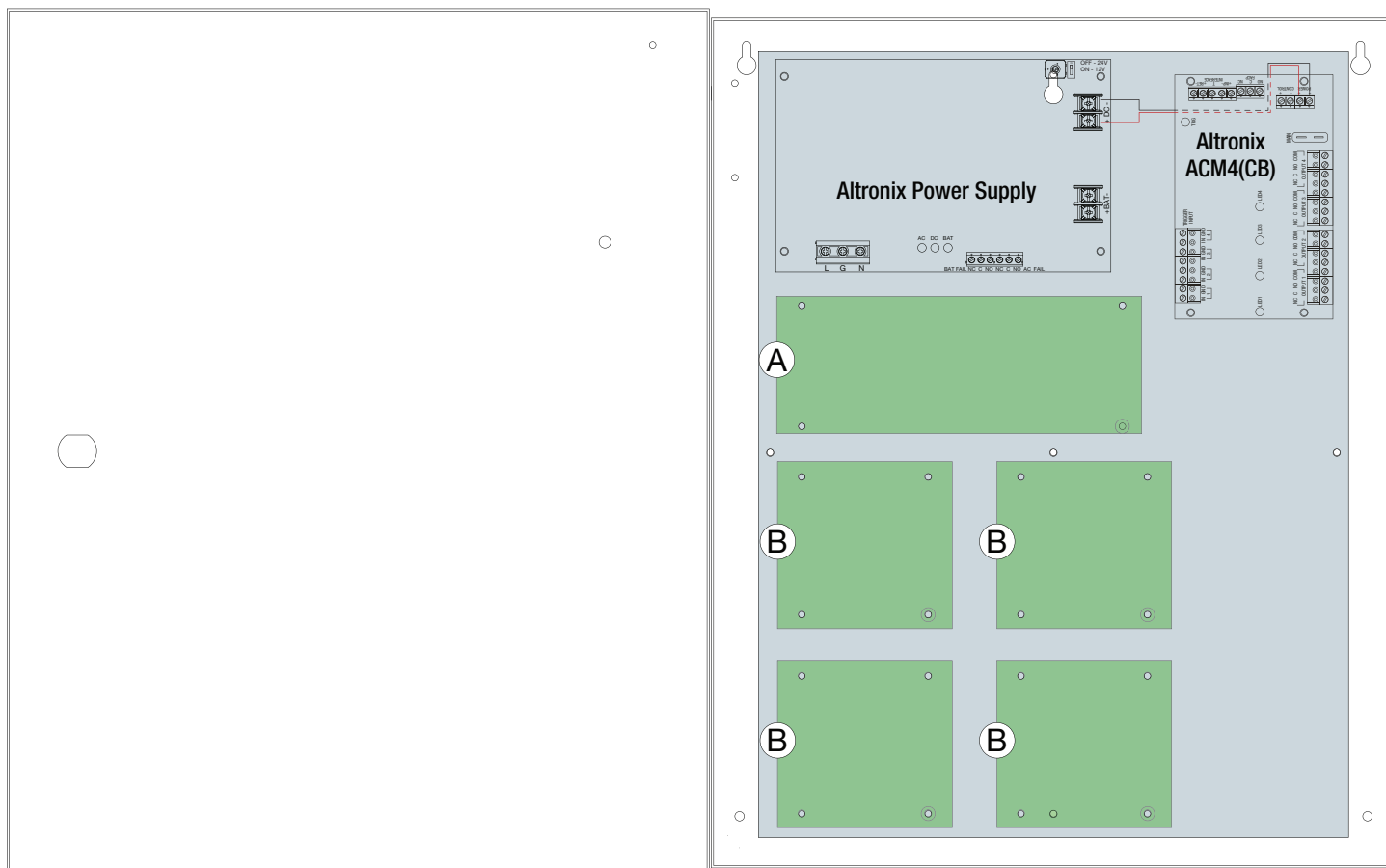
Operating:	0°C to 49°C (32°F to 120°F)
Storage:	- 20°C to 70°C (- 4°F to 158°F)

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)



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Dimensions and Drawing

Dimensions (H x W x D approximate)

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

