

T2HCK7516 (Kit)

Access & Power Integration Solution for Hartmann



Altronix T2HCK7516 kit consists of Trove2 enclosure and THC2 Hartmann Controls/Altronix backplane with 12VDC @ 10A and 24VDC @ 10A power supply/chargers and two (2) ACMS8 Access Power Controllers. This kit also accommodates up to two (2) PRS_MASTER and eight (8) PRS_TDM, PRS_IO8 modules for up to sixteen (16) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T2HCK7516

Hartmann Controls boards are not included

Key Features

- 12VDC & 24VDC power supply/chargers
- Accommodates up to two (2) PRS_MASTER and eight (8) PRS_TDM or PRS_IO8 modules
- Convenient knockout configuration:
 - One (1) single knockout 2.415" (2" Conduit)
 - Sixteen (16) 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 1 (AL1024ULXB2):

Input

Voltage	115VAC 60Hz, 4.2A max.
Fusing	5A/250V

Output

Voltage	24VDC
Current	10A @ 24VDC continuous max.
Other	Overvoltage protection Filtered and regulated

Power Supply 2 (AL1012ULXB):

Input

Voltage	115VAC, 60Hz, 2.6A max.
Fusing	5A/250V

Output

Voltage	12VDC
Current	10A @ 12VDC continuous max.
Other	Overvoltage protection Filtered and regulated

Both Power Supplies:

Back-up Battery

Capacity	12AH/12VDC (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

Two (2) ACMS8 - Access Power Controllers:

Input

Voltage	24VDC from AL1024ULXB2 and 12VDC from AL1012ULXB
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Input Fuses

15A/32V

Outputs

Voltage	12VDC and/or 24VDC
Eight (8) independently controlled fused outputs	
a) Fail-Safe and/or Fail-Secure power outputs. Form "C" Relays rated 28VAC or VDC @ 2.5A	
b) Auxiliary power outputs (unswitched)	
c) Any combination of the above	

Output Fuses

3A/32V

Indicators (LED)

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

T2HCK7516 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:	27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)
Shipping:	32.5" x 26.5" x 11.125" (825.5mm x 673.1mm x 282.6mm)

Weight (approx.)

Product:	41.3 lb. (18.2 kg)
Shipping:	45.05 lb. (19.9 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 85% +/- 5%

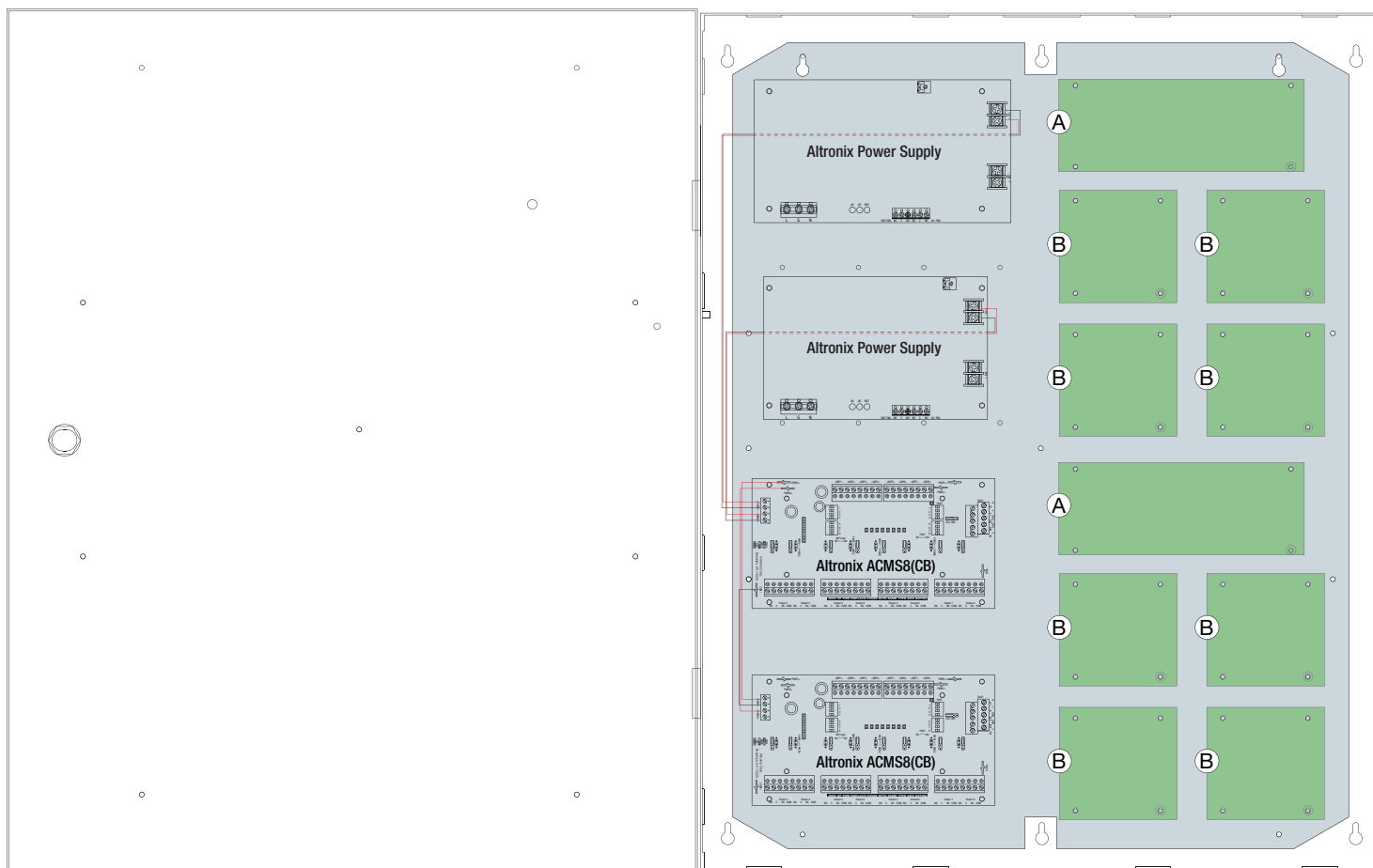
BTU/Hr. (approx.): 184 BTU/Hr.

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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)

27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)

