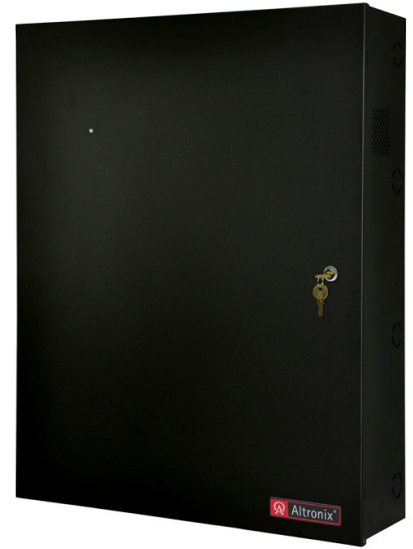


# T2KHK312

12-Door Altronix/Kantech Access and Power Integration Kit - Trove2KH2 with AL600ULXB, T1618300K, ACM4, ACM8



Altronix T2KHK312 kit consists of Trove2 enclosure, TKH2 Kantech/Altronix backplane with one (1) 12VDC or 24VDC @ 6A power supply/charger, one (1) eight (8) output fused access power controller, one (1) four (4) output fused access power controller and one (1) 16VAC/18VAC transformer.

This kit also accommodate various combinations of Kantech boards for up to twelve (12) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.

## Specifications

### AL600ULXB Power Supply/Charger

#### Input

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

#### Outputs

- Voltage: 12VDC or 24VDC selectable.
- Current: 6A @ 12VDC or 24VDC continuous max.
- Filtered and regulated.

### Battery Backup (not included)

- Capacity: 7AH / 12VDC (up to 4 within enclosure); 12AH / 12VDC (up to 4 within enclosure); 40 AH / 65 AH (requires separate enclosure).
- Type: Sealed lead acid or gel type.
- Failover: Upon AC loss, instantaneous.

CE Compliant

## Agency Listings

## Accessories

Name	Description
MM12	Mounting Magnets, Twelve (12) Quantity per Pack
MM24	Mounting Magnets, Twenty Four (24) Quantity per Pack
MM4	Mounting Magnets, Four (4) Quantity per Pack
MM8	Mounting Magnets, Eight (8) Quantity per Pack

## Supervision

- AC Failure: Form "C" contacts.
- Battery: Form "C" contacts.

## Indicators LED

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

## ACM4 Access Power Controller

### Input

- Voltage: 24VDC from AL600ULXB.
- Main 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).
- Output Rating: 3A / 32VDC.

### Indicators (LED's)

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

## ACM8 Access Power Controller

### Input

- Voltage: 24VDC from AL600ULXB.
- Input Fuse: 10A / 250V.

### Outputs

- Voltage: 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.

WM100 Magnetic Cable Tie Mounts

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WM25 Magnetic Cable Tie Mounts

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WM5 Magnetic Cable Tie Mounts

## Dimensions & Weight

### Enclosure:

Wall mount enclosure for indoor use.

Accommodates up to four (4) 12VDC/12AH Batteries.

Dimensions 21.5"W x 27.25"H x 6.5"D (546.1 mm W x 692.15 mm H x 165.1 mm D).

3/4" and 1" combination knockouts.

### Weights (approximate):

Product Weight: 61.7 Lbs. (28 kg).

Shipping Weight: 66.7 Lbs. (30.25 kg).

- Output Fuses: 3.5A / 250V.

#### **Indicators (LED)**

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

### **T1618300K Transformer**

#### **Input**

- Voltage: 115VAC, 50/60Hz, 2.7A.

#### **Output**

- Voltage: 16VAC/300VA (18.7A) or  
18VAC/300VA (16.7A).

### **Environmental**

#### **Temperature**

- Operating: 0° C to 50° C (32° F to 122° F).
- Storage: - 20° C to 70° C ( - 4° F to 158° F).

#### **Relative Humidity**

- Relative Humidity 85% +/- 5%.

#### **BTU/Hr (approx.):**

- 232 BTU/Hr.