

## T1KE34D (Kit)

Access & Power Integration Solution for Kisi

Altronix T1KE34D kit consists of Trove1 enclosure and TLU1 Altronix & Kisi backplane with 12VDC or 24VDC (factory set at 24VDC) @ 6A power supply/charger and four (4) PTC protected output access control module. This kit also accommodates one (1) Kisi Pro Controller for up to four (4) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



# TROVE™



T1KE34D

*Kisi boards are not included*

### Key Features

- 12VDC or 24VDC power supply/charger
- Accommodates one (1) Kisi Pro Controller
- Includes five (5) mounting magnets for Kisi Pro Controller
- 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
  - Battery Fail and Battery Presence
- 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.

**Specifications**

**Power Supply/Charger (AL600ULXB):**

**Input**

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

**Outputs**

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

**Back-up Battery**

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 (ACM4CB):**

**Input**

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

**Outputs**

Voltage 24VDC  
 Four (4) independently controlled PTC 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

**Outputs Ratings**

PTCs 2.5A

**Indicators (LED)**

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

**T1KE34D 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 16.23 lb. (7.36 kg)  
 Shipping 20.23 lb. (9.07 kg)

**Temperature**

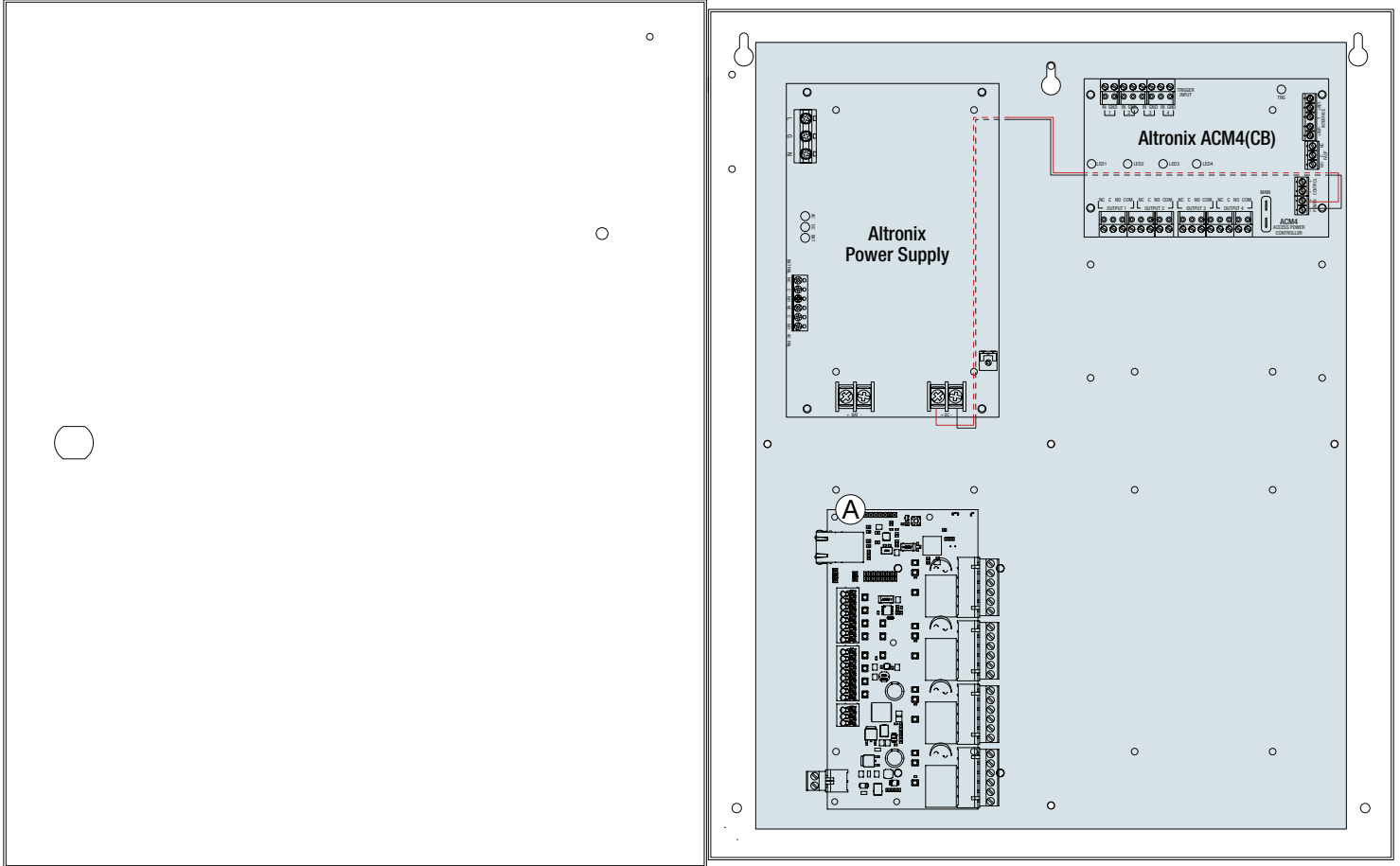
Operating 0°C to 49°C (32°F to 120°F)  
 Storage - 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

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

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

| Kisi           | Pem Mounting |
|----------------|--------------|
| Pro Controller | (A)          |



**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)

