

T1KE34V (Kit)

Access & Power Integration Solution for Kisi

Altronix T1KE34V kit consists of Trove1 enclosure and TDR1 Altronix & Kisi 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 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™



T1KE34V

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:
 - 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.

Specifications**Power Supply/Charger (AL600XB220):****Input**

| | |
|------------|--|
| Voltage | 220VAC (range 198VAC-256VAC), 50/60Hz, 1.5A |
| Input Fuse | 5A/250V |

Outputs

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

Battery Charging

| | |
|-------------------------------|---|
| Capacity | 7AH/12VDC (2 within enclosure) 40AH/65AH (requires separate enclosure) |
| Type | Sealed lead acid or gel type |
| Failover | Upon AC loss, instantaneous |
| Batteries are sold separately | |

Supervision

| | |
|------------|-------------------|
| AC Failure | Form "C" contacts |
| Battery | Form "C" contacts |

Indicators (LED)

| | |
|-----------|-----------------------------|
| Input | 220VAC is present |
| DC Output | Powered |
| Battery | Discharged or not connected |

Access Power Controller (ACM4):**Input**

| | |
|------------|-----------------------|
| Voltage | 24VDC from AL600XB220 |
| Input Fuse | 10A/32V |

Outputs

| | |
|--|-------|
| Voltage | 24VDC |
| Four (4) 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 |

T1KE34V Kit:**Agency Listings**

| | |
|----|---------------------|
| 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

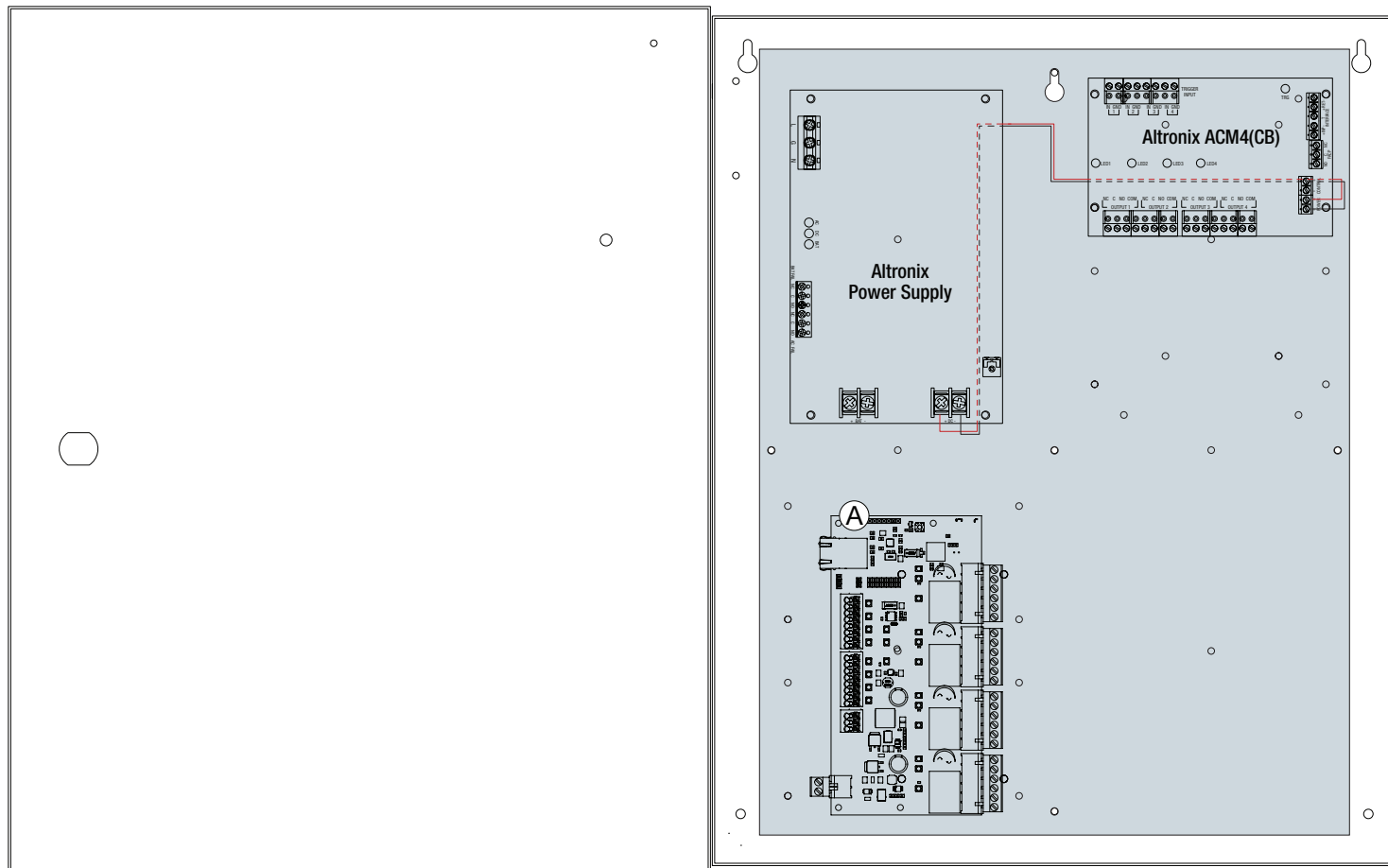
| | |
|-----------|---------------------------------|
| Operating | 0°C to 49°C (32°F to 120°F) |
| Storage | - 20°C to 70°C (- 4°F to 158°F) |

| | |
|-------------------|------------|
| 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)

