

T1KE38D (Kit)

Access & Power Integration Solution for Kisi

Altronix T1KE38D kit consists of Trove1 enclosure and TLU1 Altronix & Kisi backplane with 12VDC or 24VDC (factory set at 24VDC) @ 6A power supply/charger and two (2) four (4) PTC protected output access control modules. This kit also accommodates two (2) Kisi Pro Controllers for up to eight (8) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.

TROVE™



T1KE38D

Kisi boards are not included

Key Features

- 12VDC or 24VDC power supply/charger
- Accommodates up to two (2) Kisi Pro Controllers
- Includes ten (10) 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.

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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 |

Two (2) Access Power Controllers (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 |

T1KE38D 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 | 17.23 lb. (7.82 kg) |
| Shipping | 21.23 lb. (9.53 kg) |

Temperature

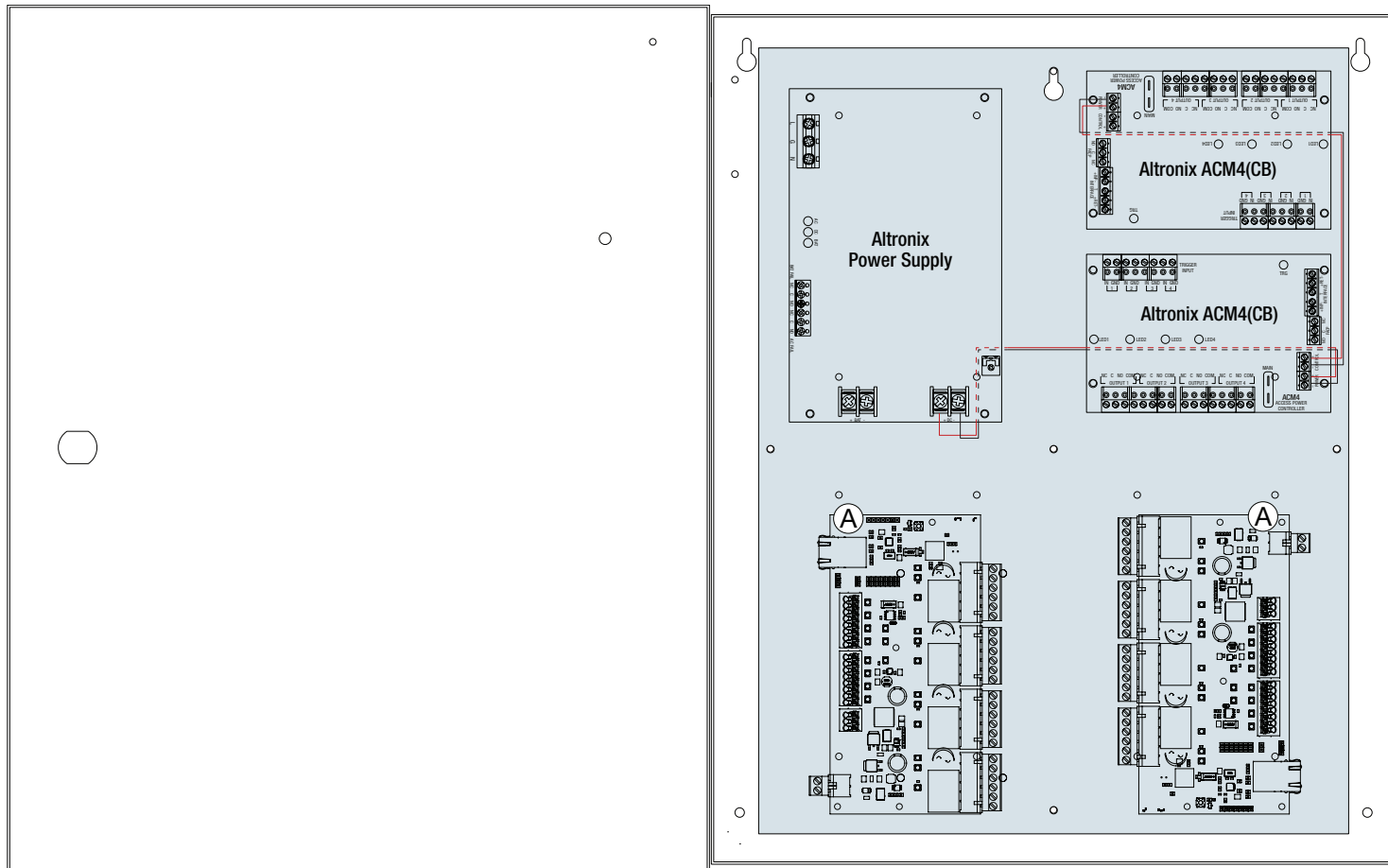
| | |
|-----------|-------------------------------|
| Operating | 0°C to 49°C (32°F to 120°F) |
| Storage | -20°C to 70°C (-4°F to 158°F) |

Relative Humidity 85% +/- 5%

BTU/Hr (approx.): 90 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)

