

T1KE3F8DV (Kit)

Access & Power Integration Solution for Kisi



Altronix T1KE3F8DV 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.



T1KE3F8DV

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
 - Low Battery and Battery Presence
 - Low power shutdown
- 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)



LINQ2

LINQ2 - Network Supervision

Altronix LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN

- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Reports system diagnostics via Email



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 (eFlow6NBV):

Input

Voltage	220VAC (working range 198VAC - 256VAC), 50/60Hz, 2.5A
Input Fuse	5A/250V

Output

Voltage	24VDC
Current	6A continuous
Other	Overvoltage protection. Filtered and regulated

Battery Backup

Capacity	7AH/12VDC (Up to 2 within enclosure) 40AH/65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Fuse Rating	10A/32V
Failover	Upon AC loss, instantaneous

Supervision

AC Failure	Form "C" contacts
Battery	Form "C" contacts

Low DC Power Shutdown

Shuts down DC output terminals if battery voltage drops below 70-75% for 24V units (depending on the power supply)
 Prevents deep battery discharge

Fire Alarm Disconnect

Supervised	Latching or non-latching
EOL	10K Resistor

Indicators (LED)

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

Two (2) Access Power Controllers (ACM4CB):

Input

Voltage	24VDC from eFlow6NBV
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
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Indicators (LED)

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

T1KE3F8DV Kit:

Agency Listings

CE	European Conformity
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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

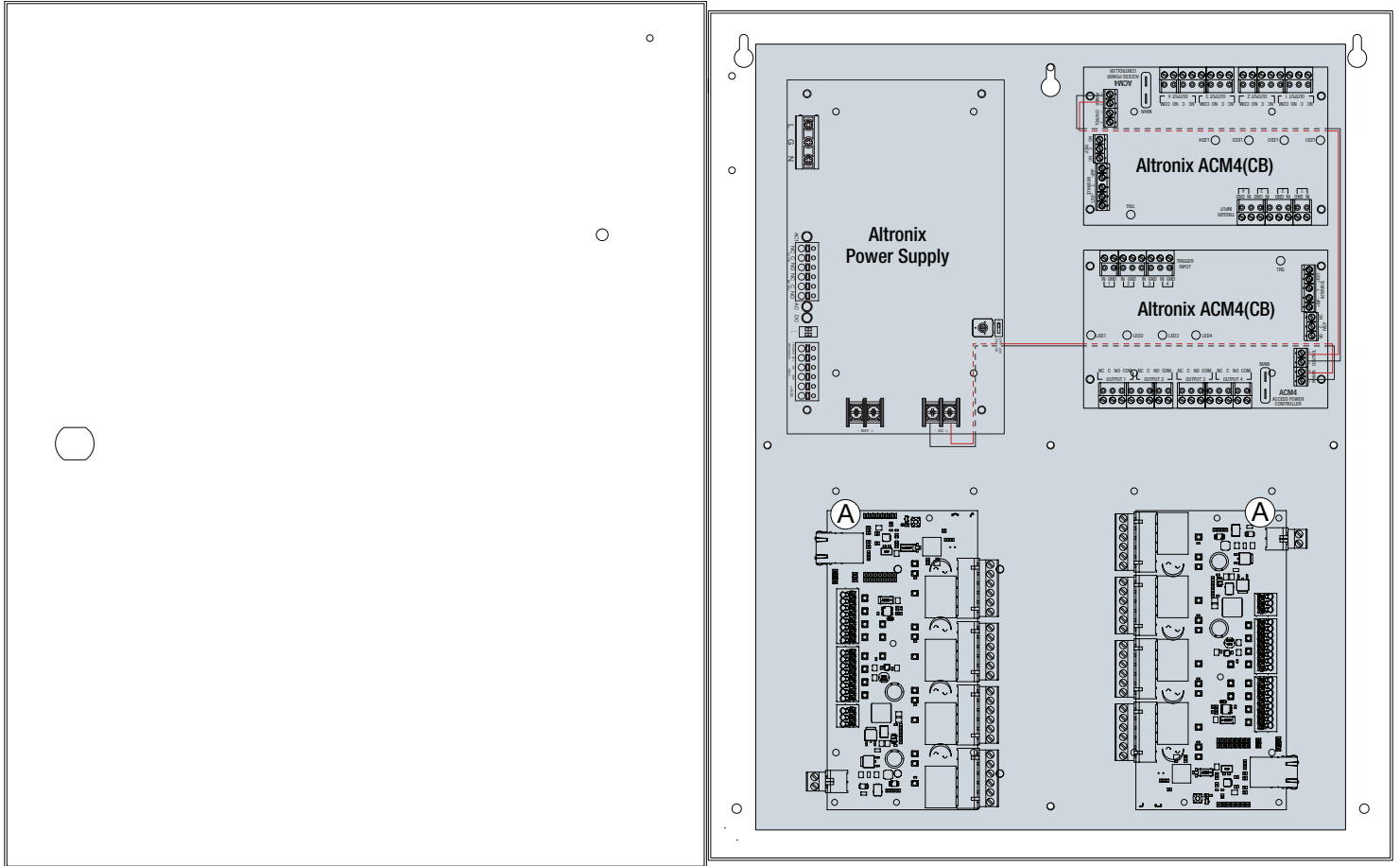
85% +/- 5%

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)

