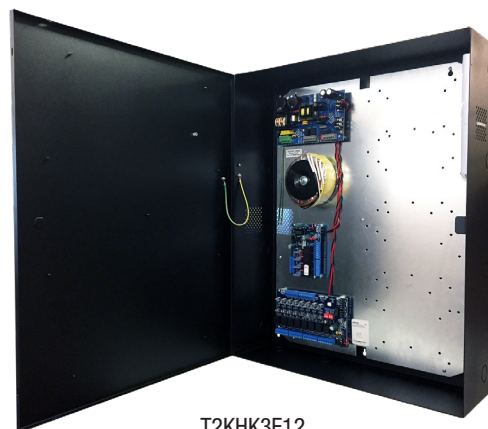


Description

Altronix T2KHK3F12 kit consists of Trove2 enclosure, TKH2 Kantech/Altronix back-plane 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.



T2KHK3F12

KANTECH

Key Features

- 24VDC power supply/charger.
- Accommodates the following Kantech boards:
 - Up to two (2) KT1.
 - Up to three (3) KT400.
 - Up to four (4) KT-MOD-INP16 or KT-MOD-OUTP16.
- Convenient knockout configuration:
 - One (1) single knockout 2.415" (2" Conduit).
 - Sixteen (16) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit).
- 16 AWG galvanized steel backplane simplifies board layout and wire management.
- Supervision
 - AC Fail
- Supervision (*cont'd*)
 - Low Battery and Battery Presence
 - Low power shutdown.
- 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.
- Enclosure accommodates up to four (4) 12VDC/12AH 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.



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 (eFlow 6NB):

Input

Voltage	120VAC, 60Hz, 3.5A max.
Input Fuse	5A/250V.

Outputs

Voltage	12VDC or 24VDC selectable.
Current	6A continuous max.
Auxiliary	Power-limited @ 1A (unswitched).
Other	Overvoltage protection. Filtered and regulated.

Back-up Battery *(not included)*

Type	Sealed lead acid or gel type.
Fuse Rating	10A/32VDC.
Failover	Upon AC loss, instantaneous.

Fire Alarm Disconnect

Supervised	Latching or non-latching.
EOL	10K Resistor.

Supervision

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

Low DC Power Shutdown

Shuts down DC output terminals if battery voltage drops below 71-73% for 12V units and 70-75% for 24V units (depending on the power supply). Prevents deep battery discharge.

Indicators (LED)

Input	120VAC is present.
DC Output	Powered.

Access Power Controller (ACM4):

Input

Voltage	24VDC from eFlow6NB.
Input 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 Fuses	3A/32VDC.
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Indicators (LED)

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

Access Power Controller (ACM8):

Input

Voltage	24VDC from eFlow6NB.
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.	

Output Fuses	3.5A/250V.
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Indicators (LED)

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

Transformer (T1618300K):

Input

Voltage	115VAC, 50/60Hz, 2.7A.
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Output

Voltage	16VAC/300VA (18.7A) or 18VAC/300VA (16.7A).
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T2KHK3F12 Kit:

Agency Listings

CE	European Conformity.
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Physical and Environmental

Dimensions (H x W x D)	27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm).
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Weight (approx.)

Product	61.7 lb. (28 kg).
Shipping	66.7 lb. (30.25 kg).

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	85% +/-5%.
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BTU/Hr (approx.):	232 BTU/Hr.
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Access Controller Position Chart for the Following Models:

Kantech	Pem Mounting
KT-400	Ⓐ
KT-1	Ⓑ
KT-MOD-IN16, KT-MOD-OUT16	Ⓒ

