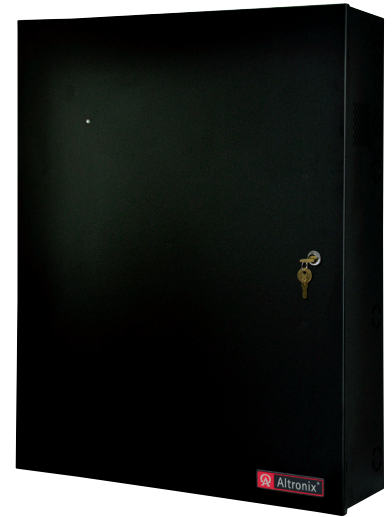


Access & Power Integration Solution

Description

Altronix T2SAK75F12 kit consists of Trove2 enclosure, TSA2 Salto/Altronix backplane with one (1) 24VDC @ 10A and one (1) 12VDC @ 10A power supply/chargers, one (1) 8-output fused access power controllers, one (1) 4-output fused access power controller and one (1) 8-output dual output fused power distribution module.

This kit also accommodates up to six (6) Salto CU42E0, CU4200 or CU4EB8 modules for up to twelve (12) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T2SAK75F12

SALTO
inspired access

Key Features

- One (1) 24VDC and one (1) 12VDC power supply/chargers.
- Accommodates up to six (6) Salto CU42E0, CU4200 or CU4EB8 modules.
- 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.

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Specifications

Power Supply 1 (eFlow104NB):

Input

Voltage	120VAC, 60Hz, 4.5A max.
Input Fuse	6.5A/250V.

Output

Voltage	24VDC.
Current	10A continuous.

Power Supply 2 (eFlow102NB):

Input

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

Output

Voltage	12VDC.
Current	10A continuous.

Both Power Supplies:

Outputs

Auxiliary	Class 2 power-limited @ 1A (unswitched).
Other	Overvoltage protection. Filtered and regulated.

Battery Backup *(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 70-75% for 24V units or 71-73% for 12V units. Prevents deep battery discharge.

Indicators (LED)

AC Input	120VAC is present.
DC Output	Powered.

Dual Input Power Distribution Module (PDS8):

Input

Voltage	24VDC from eFlow104NB and 12VDC from eFlow102NB.
Input Fuse	10A/32V.

Outputs

Voltage	12 or 24VDC individually selectable.
Output Fuses	3A/32VDC.

Indicators (LED)

DC Output	Eight (8) individual output LEDs.
Green:	12VDC
Red:	24VDC.

Access Power Controller (ACM8):

Input

Voltage	24VDC from eFlow104NB.
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.

Access Power Controller (ACM4):

Input

Voltage	24VDC from eFlow104NB.
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/32V.
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Indicators (LED)

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

T2SAK75F12 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.
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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).

Weight (approx.)

Product	55.4 lbs. (25.1 kg).
Shipping	60.4 lbs. (27.4 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%.

BTU/Hr (approx.): 177 BTU/Hr.

T2SAK75F12 Access & Power Integration Solution

Access Controller Position Chart for the Following Models:

Salto	Pem Mounting
CU4200, CU42E0, CU4EB8	Ⓐ



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