

T2SSK75F14D

Access & Power Integration Solution

Description

Altronix T2SSK75F14D kit consists of Trove2 enclosure, TSS2 Lenel-S2 (S2 Security Platform) / Altronix backplane with one (1) 24VDC @ 10A power supply/charger, one (1) 12VDC @ 10A power supply/charger, two (2) PTC access power controllers and two (2) PTC power distribution modules.

This kit also accommodates S2-INST Installation Kit For Lenel-S2 (S2 Security Platform) S2 Network Node for up to fourteen (14) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T2SSK75F14D



S2 boards sold separately

Key Features

- 24VDC and 12VDC power supply/chargers.
- Accommodates S2-INST Installation Kit.
- 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	6.3A/250V.

Output

Voltage	24VDC @ 10A.
Auxiliary	1A (unswitched).
Protection	Overvoltage protection. Filtered and regulated.

Power Supply 2 (eFlow102NB):

Input

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

Output

Voltage	12VDC @ 10A.
Auxiliary	1A (unswitched).
Protection	Overvoltage protection. Filtered and regulated.

Both Power Supplies:

Battery Backup

Type	Sealed lead acid or gel type.
Fuse Rating	15A/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)

AC Input	120VAC is present.
DC Output	Powered.
Battery	Discharged or not connected.

Two (2) Power Distribution Modules (PD8ULCB):

Input

Voltage	24VDC from eFlow104NB or 12VDC from eFlow102NB.
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Outputs

Voltage	24VDC or 12VDC.
Output PTCs	2.5A.

Indicators (LED)

Green LED	DC Output.
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Two (2) Access Power Controllers (ACM8CB):

Input

Voltage	24VDC from eFlow104NB or 12VDC from eFlow102NB.
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Input Fuse	10A/250V.
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Outputs

Voltage	24VDC or 12VDC.
Eight (8) 24VDC and eight (8) 12VDC independently controlled PTC outputs:	
a) Fail-Safe and/or Fail-Secure power outputs.	
b) Auxiliary power outputs (unswitched).	
c) Any combination of the above.	

Output PTCs	2.5A.
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Indicators (LED)

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

T2SSK75F14D 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).
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Weight (approx.)

Product	49 lb. (22.23 kg).
Shipping	53.35 lb. (24.2 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.):	191 BTU/Hr.
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Access Controller Position Chart for the S2-INST Installation Kit:



