

T2SSK7514 (Kit)

Access & Power Integration Solution for Lenel-S2



Altronix T2SSK7514 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) fused access power controllers and two (2) fused 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.



T2SSK7514

**S2 boards are not included*

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
 - 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
- Enclosure accommodates up to four (4) 12VDC/12AH 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.



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 1 (AL1024ULXB2):

Input

Voltage 115VAC 60Hz, 4.2A max
 Fusing 5A / 250V

Output

Voltage 24VDC
 Current 10A @ 24VDC continuous max

Power Supply 2 (AL1012ULXB):

Input

Voltage 115VAC, 60Hz, 2.6A max
 Fusing 5A / 250V

Output

Voltage 12VDC
 Current 10A @ 12VDC continuous max

Both Power Supplies:

Overvoltage protection
 Filtered and regulated

Back-up Battery

Capacity 12AH/12VDC (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) Power Distribution Modules (PD8UL):

Input

Voltage 24VDC from AL1024ULXB2 or
 12VDC from AL1012ULXB

Outputs

Voltage 24VDC or 12VDC
 Output Fuses 3.5A/250V

Indicators (LED)

Green LED DC Output

Two (2) Access Power Controllers (ACM8):

Input

Voltage 24VDC from AL1024ULXB2 or
 12VDC from AL1012ULXB

Input Fuse 10A/250V

Outputs

Voltage 24VDC or 12VDC
 Eight (8) 24VDC and eight (8) 12VDC 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

Indicators (LED)

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

T2SSK7514 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:
 27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)
 Shipping:
 32.5" x 26.5" x 11.125" (825.5mm x 673.1mm x 282.6mm)

Weight (approx.)

Product: 49 lb. (22.23 kg)
 Shipping: 53.35 lb. (24.2 kg)

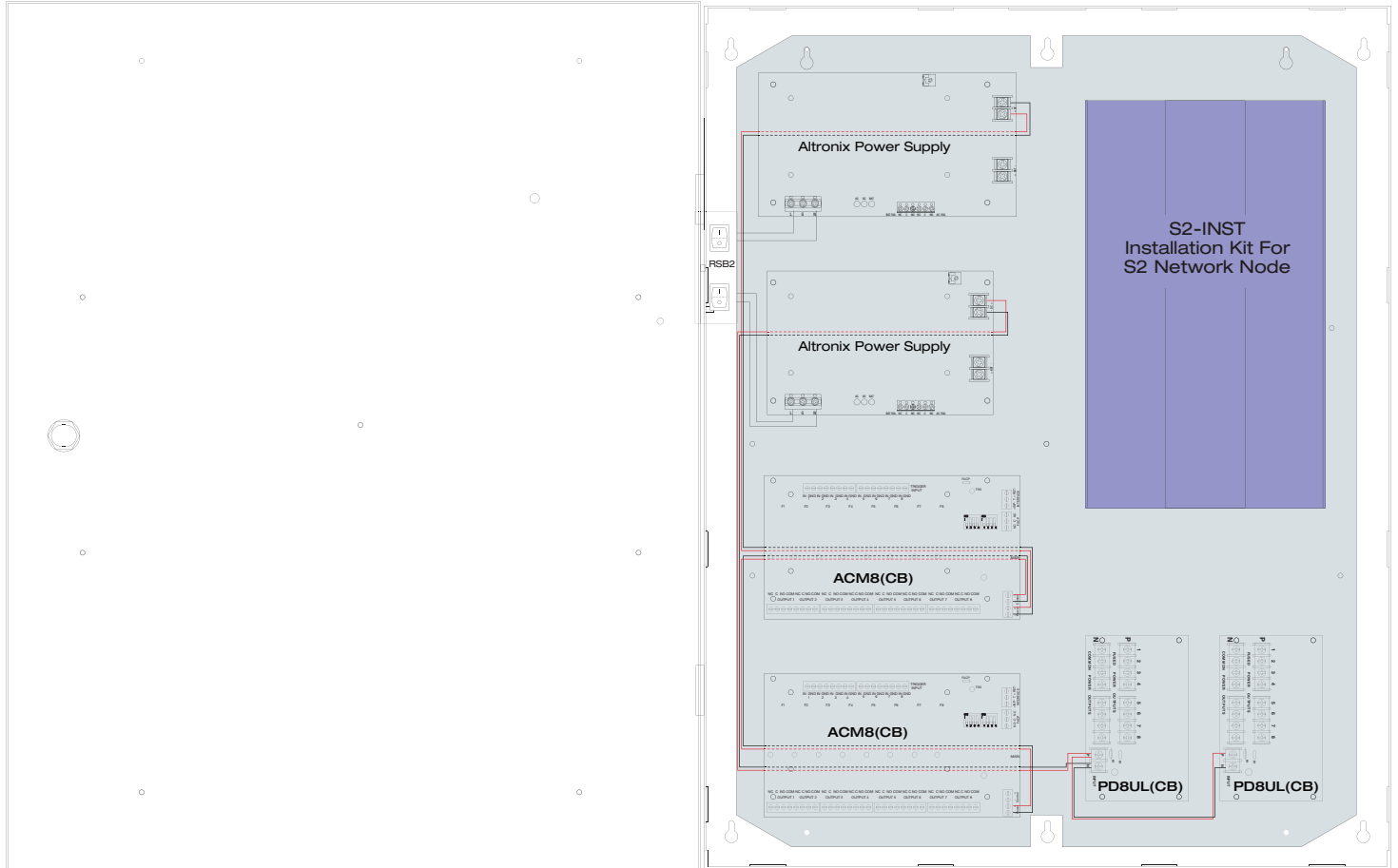
Temperature

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.): 191 BTU/Hr.

Access Controller Position Chart for the S2-INST Installation Kit:



Dimensions and Drawing

Dimensions (H x W x D approximate)
 27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)

