

T2SSK78D (Kit)

Access & Power Integration Solution for Lenel-S2



Altronix T2SSK78D kit consists of Trove2 enclosure, TSS2 Lenel-S2 (S2 Security Platform)/ Altronix backplane with one (1) 24VDC @ 10A power supply/charger, one (1) PTC access power controller, one (1) voltage regulator and one (1) dual input PTC power distribution module.

This kit also accommodates S2-INST Installation Kit For Lenel-S2 (S2 Security Platform) S2 Network Node for up to eight (8) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T2SSK78D

**S2 boards are not included*

Key Features

- 24VDC power supply/charger
- 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 (AL1024ULXB2):

Input

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

Outputs

Voltage 24VDC
 Current 10A @ 24VDC continuous max
 Other Overvoltage protection
 Filtered and regulated

Back-up Battery

Capacity 12AH /12VDC (2 within enclosure)
 40 AH / 65 AH (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

Dual Input Power Distribution Module (PDS8CB):

Input

Voltage 12VDC from VR6 and 24VDC from AL1024ULXB2
 Input PTC 9A

Outputs

Voltage 12VDC and/or 24VDC
 Any of the eight (8) power outputs are selectable to follow power Input 1 or Input 2
 Individual outputs may be set to OFF position for servicing

Outputs Ratings

PTCs 2.5A

Indicators (LED)

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

Voltage Regulator (VR6):

Input

Voltage 24VDC from AL1024ULXB2

Output

Voltage 12VDC
 Current 6A continuous
 Other Surge suppression

Indicators (LED)

Input 24VDC is present
 Output Powered

Access Power Controller (ACM8CB):

Input

Voltage 24VDC from AL1024ULXB2
 Input Fuse 10A/250V

Outputs

Voltage 24VDC
 Eight (8) 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

Indicators (LED)

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

T2SSK78D 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: 47 lb. (21.3 kg)
 Shipping: 51.35 lb. (23.3 kg)

Temperature

Operating 0°C to 49°C (32°F to 120°F)
 Storage - 20°C to 70°C (- 4°F to 158°F)

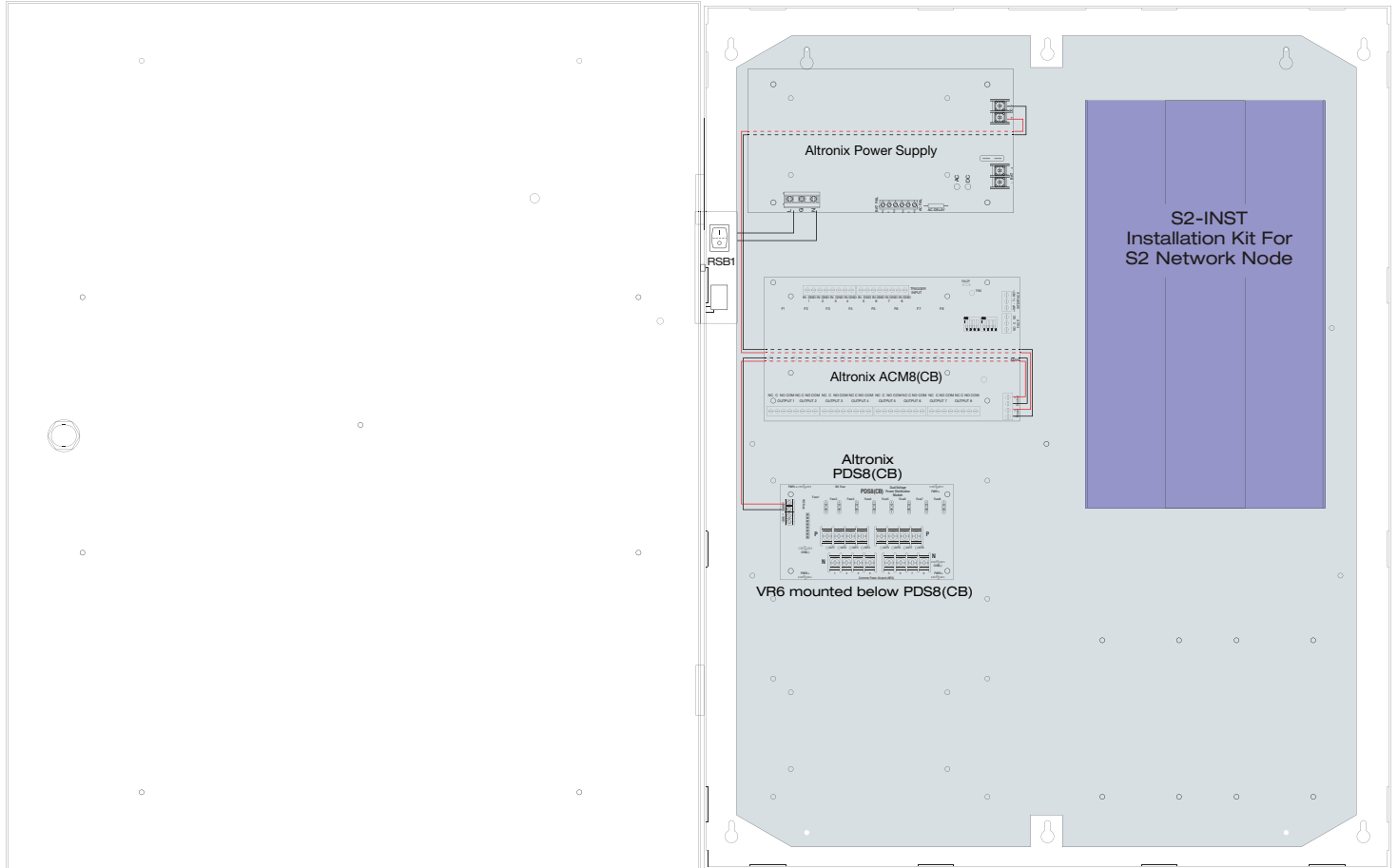
Relative Humidity

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)

