

T1AXK1F4PQ (Kit)

Access & Power Integration Solution for Axis Communications



Altronix T1AXK1F4PQ kit consists of Trove1 enclosure, TDR1 DIN Rail/Altronix backplane with one (1) 24VDC @ 6A power supply/charger, one (1) voltage regulator and one (1) dual input networked fused power distribution module. This kit also accommodates one (1) A1710B for up to four (4) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T1AXK1F4PQ

Axis Communications boards are not included

Key Features

- 24VDC power supply/charger
- Accommodates one (1) A1710B module
- Convenient knockout configuration:
 - One (1) double knockout
1.948" (1-1/2" Conduit) / 1.701" (1-1/4" Conduit)
 - Nine (9) double knockouts
1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Enclosure accommodates up to two (2) 12VDC/7AH batteries
- 16 gauge galvanized steel backplane simplifies board layout and wire management
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
 - Low power shutdown
- CE European Conformity
- 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 (eFlow4NB):

Input

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

Output

Voltage 24VDC
 Current 4A continuous
 Other Overvoltage protection. Filtered and regulated

Battery Charging

Capacity 7AH/12VDC (2 within enclosure)
 40AH/65AH (requires separate enclosure)
 Type Sealed lead acid or gel type
 Failover Upon AC loss, instantaneous
 Batteries are sold separately

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 (depending on the power supply)
 Prevents deep battery discharge

Indicators (LED)

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

Voltage Regulator (VR6):

Input

Voltage 24VDC from eFlow4NB

Output

Voltage 12VDC
 Current 6A continuous
 Other Surge suppression

Indicators (LED)

Input 24VDC is present
 Output Powered

Network Power Distribution Module (LINQ8PD):

Input

Voltage 24VDC from eFlow4NB and 12VDC from VR6

Input Fuses 15A/32V

Outputs

Any of the eight (8) fuse protected power outputs are selectable to follow power Input 1 or Input 2

Individual outputs may be set to OFF position for servicing

Output Fuses: 3A/32V

Status Monitoring

Power Supply output voltage and load, Voltage and load of each output
 FACP trigger and reset status, Unit temperature (Celsius)
 Power Supply AC and Battery status, Battery health

Reporting:

Windows Dashboard Alert messages
 E-mail notifications, Event Log tracks history

Indicators (LED)

Bat Local Charging current status
 FACP Triggered / Released
 Input Input signal
 Out1 - Out8 Output status

T1AXK1F4PQ Kit:

Agency Listings

CE European Conformity

Physical and Environmental

Dimensions (H x W x D)

Enclosure:
 18" x 14.5" x 4.62" (457.2mm x 368.3mm x 118.0mm)
 Shipping:
 21.75" x 18.25" x 5.75" (552.5mm x 463.6mm x 146.1mm)

Weight (approx.)

Product 18.0 lb. (8.17 kg)
 Shipping 22.0 lb. (9.98 kg)

Temperature

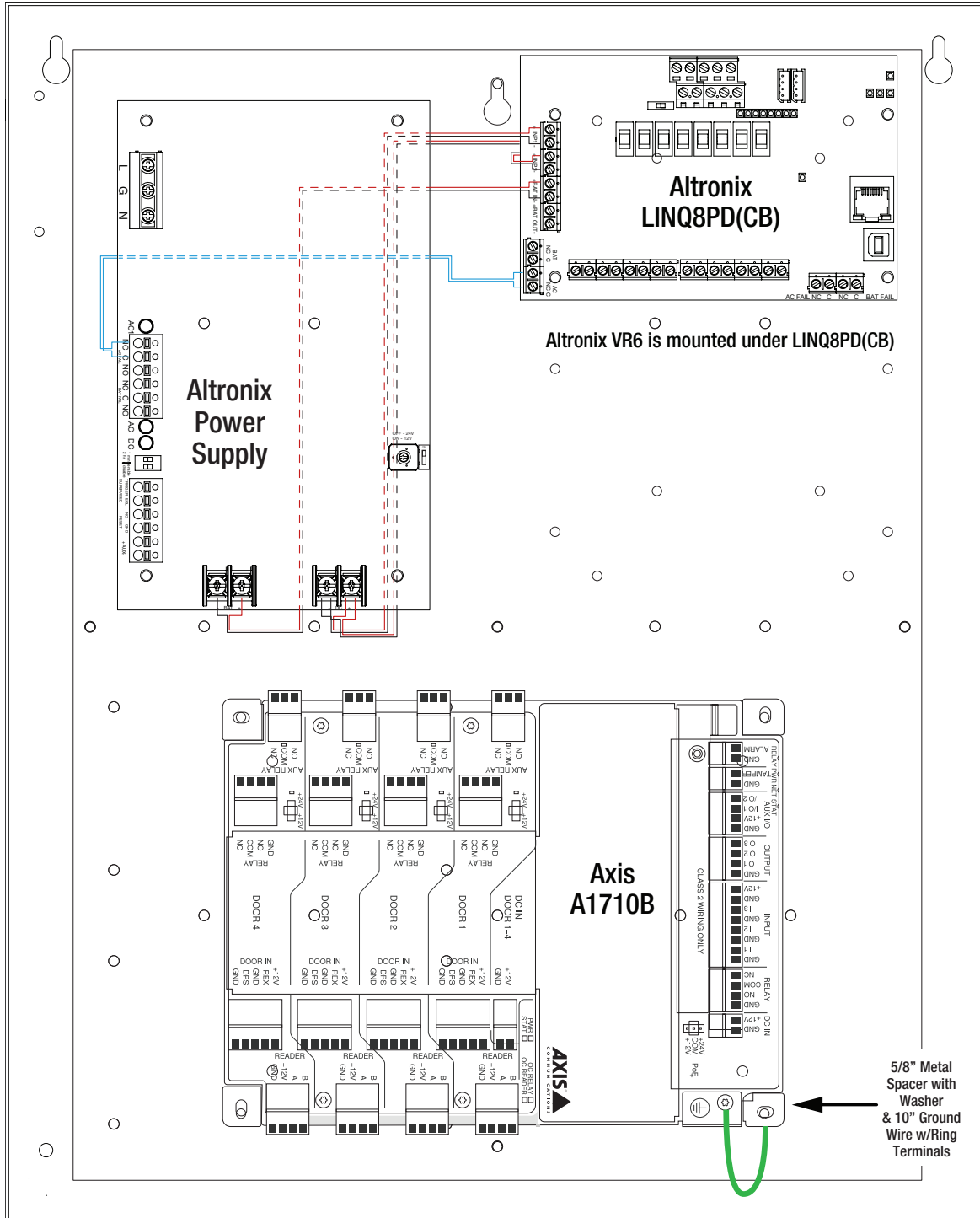
Operating 0°C to 49°C (32°F to 120°F)
 Storage - 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr (approx.): 90 BTU/Hr.

Access Controller Position Chart for the Following Models:

Altronix/Axis Communications	Pem Mounting
Axis 1710B	(A)



Dimensions and Drawing

Dimensions (H x W x D approximate)

18.0" x 14.5" x 4.625" (457.2mm x 368.3mm x 118mm)

