

T1AXK1F8ADQ (Kit)

Access & Power Integration Solution for Axis Communications

TROVE™

Altronix T1AXK1F8ADQ kit consists of Trove1 enclosure, TDR1 DIN Rail/Altronix backplane with one (1) 24VDC @ 4A power supply/charger, one (1) voltage regulator and one (1) dual input networked PTC access power controller. 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.



T1AXK1F8ADQ

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	12VDC/7AH (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
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Output

Voltage	12VDC
Current	4A continuous
Other	Surge suppression

Indicators (LED)

Input	24VDC is present
Output	Powered

Network Access Power Controller (LINQ8ACMCB):

Input

Voltage	24VDC from eFlow4NB and 12VDC from VR6
Input PTCs	9A

Outputs

Any of the eight (8) PTC protected power outputs are selectable to follow power Input 1 or Input 2
Individual outputs may be set to OFF position for servicing
Output PTCs: 2.5A

Network Access Power Controller (LINQ8ACMCB)

(cont'd):

Programming Features:

Eight (8) Programmable Outputs:

- Fail-safe, fail-secure or auxiliary outputs
- Input controlled or manually controlled through software
- High (over) and low (under) voltage and current monitoring by output
- Multiple outputs may be programmed to be triggered by a single input
- Battery back-up by output

Eight (8) Programmable Trigger Inputs:

- Normally open (NO), Normally closed (NC) or Open collector sink inputs
- Wet Input (5VDC - 24VDC) with 10k resistor
- Any combination of the above

Other Programmable Trigger Inputs:

- Monitor power supply(ies) input for voltage and current limits (high/low)
- Input and output current calibration, Programmable timer events
- Programmable user levels, Enable or disable alerts by type
- Programmable alert reporting delay

Indicators (LED)

Green AC LED:	indicates AC trouble condition
Green BAT LED:	indicates battery trouble condition
Green FACP LED:	indicates FACP disconnect is triggered
Flashing Blue Heartbeat LED:	indicates network connection
Individual OUT1 - OUT8 Red LEDs:	indicate outputs are triggered
Individual Voltage LEDs:	indicate 12VDC (Green) or 24VDC (Red)

T1AXK1F8AQ Kit:

Agency Listings

CE	European Conformity
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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)

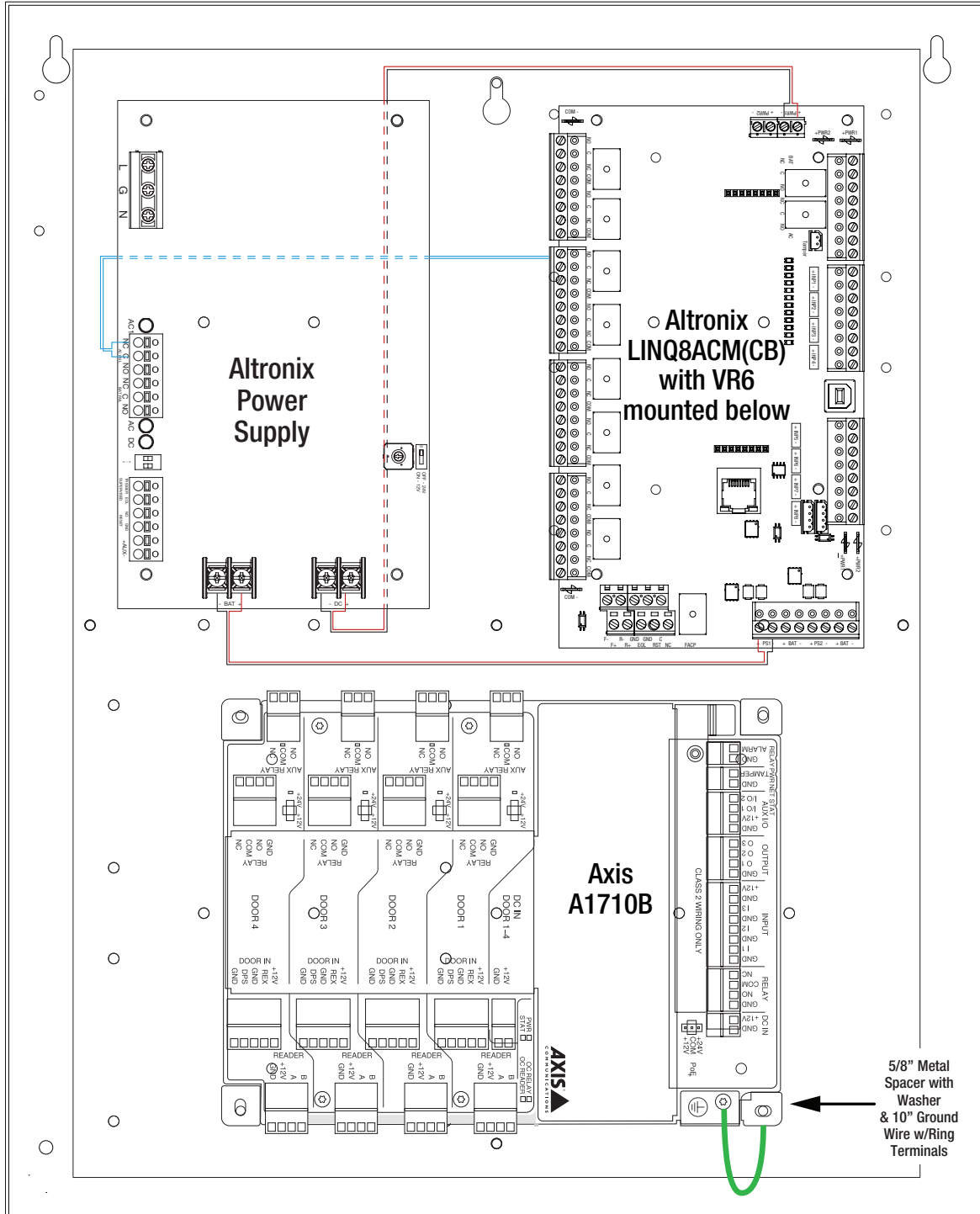
Temperature

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)

