

T1AXK3F4P (Kit)

Access & Power Integration Solution for Axis Communications



Altronix T1AXK3F4P kit consists of Trove1 enclosure, TDR1 DIN Rail/Altronix backplane with one (1) 12VDC @ 6A power supply/charger, and one (1) fuse protected 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.



T1AXK3F4P

Axis Communications boards are not included

Key Features

- 12VDC or 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)
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
 - Low power shutdown
- 16 gauge galvanized steel backplane simplifies board layout and wire management
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.
- 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
- 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.

Specifications

Power Supply/Charger (eFlow6NB):

Input

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

Outputs

Voltage 12VDC or 24VDC selectable
 Current 6A continuous max.
 Auxiliary Power-limited @ 1A (unswitched)
 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

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)

Input 120VAC is present
 DC Output Powered

Power Distribution Module (PD8UL):

Input

Voltage 12VDC from eFlow6NB

Outputs

Voltage 12VDC
 Fuses 3.5A/250V

Indicators (LED)

Green LED DC Output

T1AXK3F4P 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: 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: 15.5 lb. (7.0 kg)
 Shipping: 19.5 lb. (8.9 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.): 87 BTU/Hr.

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)

