Manuals+ — User Manuals Simplified.

Altronix T1DMK3F4 4 Door Kit with Fused Outputs Installation Guide

Contents

Altronix T1DMK3F4 4 Door Kit with Fused Outputs

:**Access & Power Integration**
Altronix∕DMP 734/734N Wiegand Kits
Models Include:

- Trove1 enclosure with TDM1 Altronix/DMP backplane

- One (1) eFlow6NB – Power Supply/Charger
- One (1) VR6 – Voltage Regulator
- One (1) PDS8 – Dual Input Fused Power Distribution Module

T2DMK7F8
8 Door Kit with Fused Outputs Fully assembled kit includes:

- Trove2 enclosure with TDM2 Altronix/DMP backplane
- One (1) eFlow104NB – Power Supply/Charger
- One (1) ACM8 – Fused Access Power Controller
- One (1) VR6 – Voltage Regulator
- One (1) PDS8 – Dual Input Fused Power Distribution Module

T1DMK3F4D
4 Door Kit with PTC Outputs Fully assembled kit includes:

- Trove1 enclosure with TDM1 Altronix/DMP backplane
- One (1) eFlow6NB – Power Supply/Charger
- One (1) VR6 – Voltage Regulator
- One (1) PDS8CB – Dual Input PTC Power Distribution Module

T2DMK7F8D
8 Door Kit with PTC Outputs Fully assembled kit includes:

- Trove2 enclosure with TDM2 Altronix/DMP backplane
- One (1) eFlow104NB – Power Supply/Charger
- One (1) ACM8CB – PTC Access Power Controller
- One (1) VR6 – Voltage Regulator
- One (1) PDS8CB – Dual Input PTC Power Distribution Module

All components of these Trove kits are UL Listed sub-assemblies. Please refer to the included corresponding Sub-Assembly Installation Guides for further information.
Installation Guide

All registered trademarks are property of their respective owners.
Rev. TDMK_022521
Installing Company: _____ Service Rep. Name:
_____
Address: _____ Phone #:
_____

Overview:
Altronix T1DMK3F4(D) and T2DMK7F8(D) Trove DMP kits are pre-assembled and consist of Trove enclosures/backplanes with factory installed Altronix power supply/chargers and sub-assemblies. T1DMK3F4(D) accommodates up to four (4) DMP 734/734N Wiegand modules for up to four (4) doors in a single enclosure. T2DMK7F8(D) accommodates up to eight (8) DMP 734/734N Wiegand modules for up to eight (8) doors in a single enclosure.

Configuration Chart:

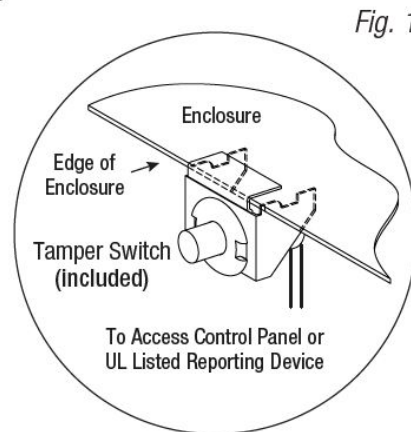| Altronix Model Number	Power Supply Board Input Fuse Rating	Power Supply Board Battery Fuse Rating	120V AC 60 Hz Input Current (A)	Maximum Supply Current for Main and Aux. Outputs on Power Supply board and ACM8(CB) Access Power Controllers' outputs	Nominal DC Output Voltage [DC] Output Range (VDC)	[Aux] Output Range (VDC)	Fail-Safe/Fail-Secure or Dry Form "C" Outputs	Additional Fused Outputs	ACM8(CB) Board Input Fuse Rating	ACM8 Board Output Fuse Rating	ACM8 CB Board Output PTC Rating	PDS8 Board Input Fuse Rating	PDS8 Board Output Fuse Rating	PDS8 CB Board Input PTC Rating	PDS8 CB Board Output PTC Rating
T1DMK3F4	5A/250V	10A/32V	3.5	24VDC @ 6A	20.17-26.4	20.28-26.4	–	8	–	–	–	10A/32V	3A/32V	–	–
T1DMK3F4D													–	9A	2A
T2DMK7F8	6.3A/250V	15A/32V	4.5	24VDC @ 9.4A			8	8	10A/250V	2.5A/250V	–	10A/32V	3A/32V	–	–
T2DMK7F8D										2.5A	–	–	–	9A	2A

Installation Instructions:

Wiring methods shall be in accordance with the National Electrical Code/NFPA 70/ANSI, and with all local codes and authorities having jurisdiction. Product is intended for indoor use only.

1. Remove backplane from enclosure. Do not discard hardware.
2. Mark and predrill holes in the wall to line up with the top two/three keyholes in the enclosure. Install two/three upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's upper keyholes over the two/three upper screws; level and secure. Mark the position of the lower three holes. Remove the enclosure. Drill the lower holes and install the three fasteners. Place the enclosure's upper keyholes over the two/three upper screws. Install the three lower screws and make sure to tighten all screws.
3. Mount included UL Listed tamper switch (Altronix Model TS112 or equivalent) in desired Fig. 1 location, opposite hinge. Slide the tamper switch bracket onto the edge of the enclosure approximately 2" from the right side (Fig. 1, pg. 2). Connect tamper switch wiring to the Access Control Panel input or the appropriate UL Listed reporting device. Enclosure To activate alarm signal open the door of the enclosure.

4. Mount DMP 734/734N Wiegand modules to backplane, refer to pages 3, 4.

5. Refer to the eFlow Power Supply/Charger Installation Guide for eFlow6NB, eFlow104NB and corresponding Sub-Assembly Installation Guides for ACM8(CB), PDS8(CB) and VR6 for further installation instructions.
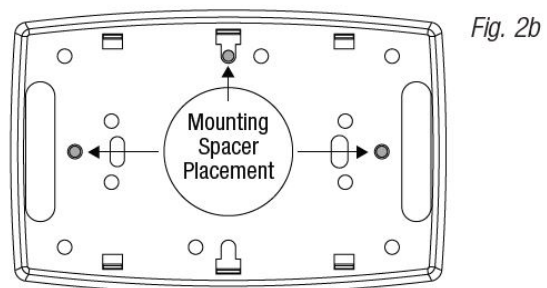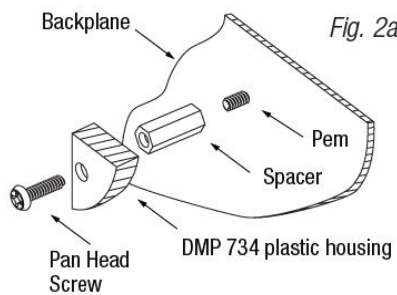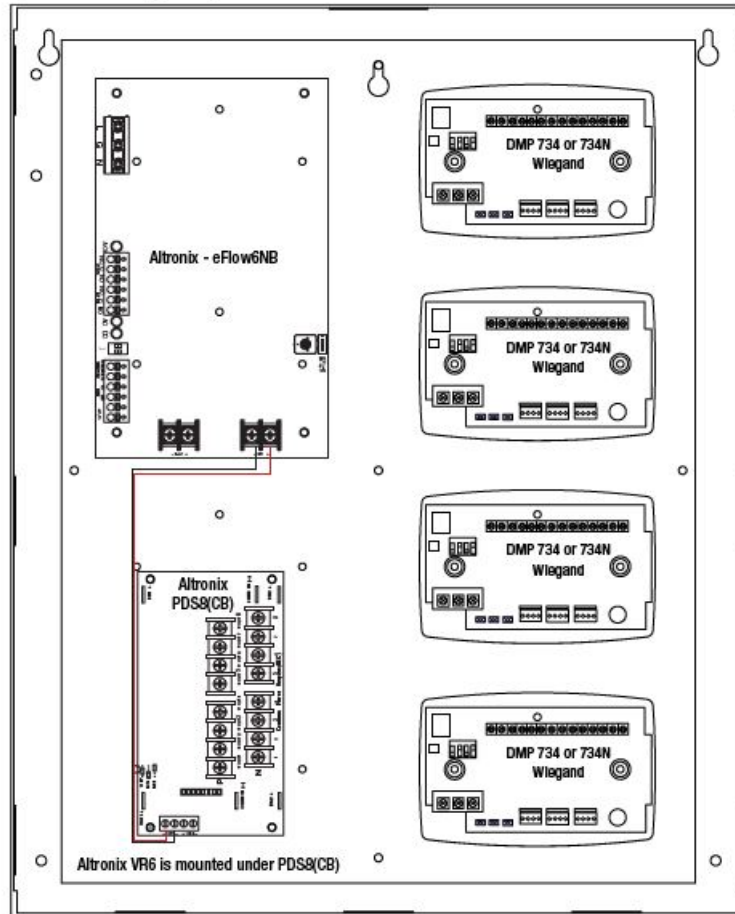
Hardware:

- **Nylon Spacer** |
- **5/16" Pan Head Screw** |
- **Lock Nut**

Fig. 1

T1DMK3F4(D): Configuration of DMP 734/734N Wiegand Modules:

1. Fasten spacers (provided) to pems that match the hole pattern for DMP Wiegand Modules (Fig. 2, pg. 3).
2. Mount DMP 734/734N modules into the correct positions (Fig. 2, pg. 3):
    - Remove DMP 734/734N board from the plastic housing. Use the base part of the housing to mount onto TDM1 (Fig. 2a, 2b, pg. 3).
    - Secure the base of DMP 734/734N to the spacers using provided 5/16" pan head screws.
    - Make all necessary connections before reassembling DMP 734/734N Wiegand modules.
3. Fasten TDM1 backplane to Trove1 enclosure utilizing hardware (provided).

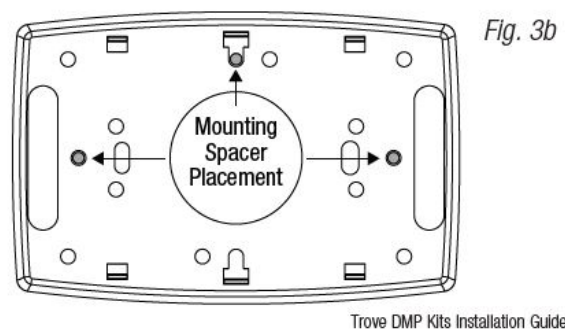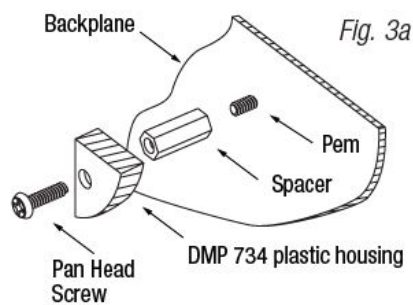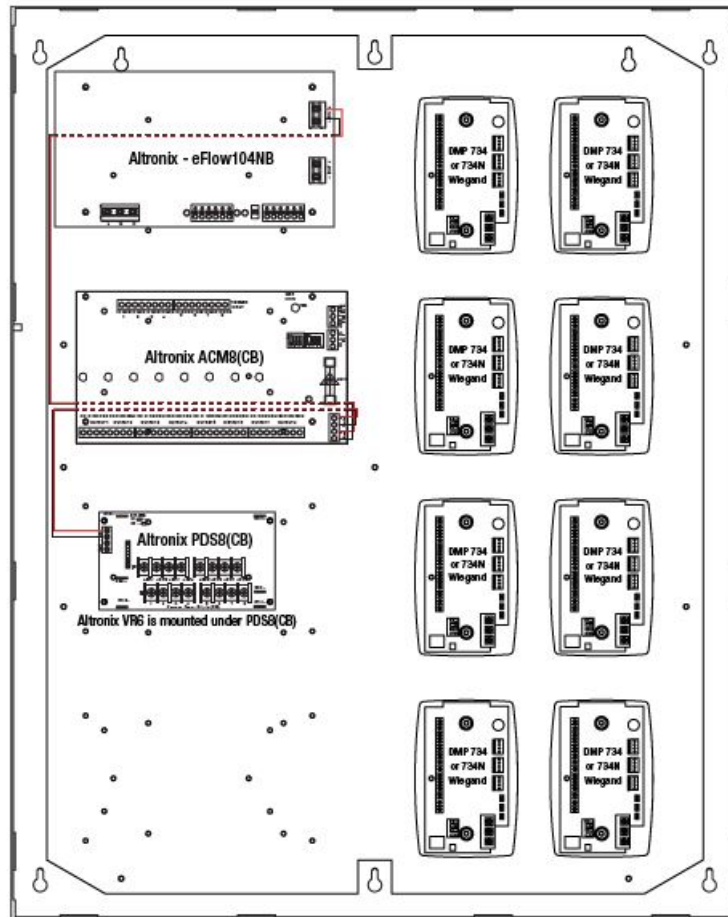Fig. 2 - T1DMK3F4(D) Configuration

Altronix - eFlow6NB

Altronix PDS8(CB)

Altronix VR6 is mounted under PDS8(CB)

DMP 734 or 734N Wiegand

DMP 734 or 734N Wiegand

DMP 734 or 734N Wiegand

DMP 734 or 734N Wiegand

Fig. 2a

Backplane

Pem

Spacer

Pan Head Screw

DMP 734 plastic housing

Fig. 2b

Mounting Spacer Placement

- 3

T2DMK7F8(D): Configuration of DMP 734/734N Wiegand Modules:

1. Fasten spacers (provided) to pems that match the hole pattern for DMP 734/734N Wiegand Modules (Fig. 3, pg. 4).
2. Mount DMP 734/734N modules into the correct positions (Fig. 3, pg. 4):
    - Remove DMP 734/734N board from the plastic housing. Use the base part of the housing to mount onto TDM2 (Fig. 3a, 3b, pg. 4).
    - Secure the base of DMP 734/734N to the spacers using provided 5/16" pan head screws.
    - Make all necessary connections before reassembling DMP 734/734N Wiegand modules.
3. Fasten TDM2 backplane to Trove2 enclosure utilizing hardware (provided).
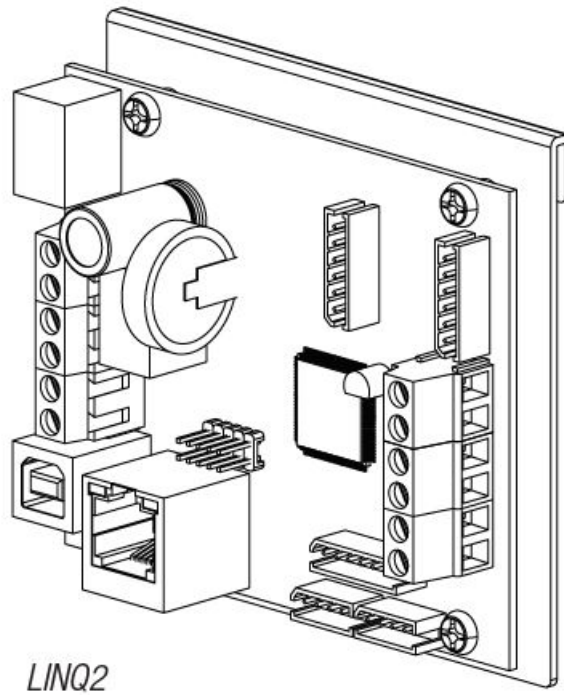
Fig. 3 - T2DMK7F8(D): Configuration

Fig. 3a

Backplane
Pem
Spacer
DMP 734 plastic housing
Pan Head Screw

Fig. 3b

Mounting Spacer Placement

Trove DMP Kits Installation Guide

eFlow Power Supply/Chargers can be Controlled and Monitored while Reporting Power/Diagnostics from Anywhere over the Network…
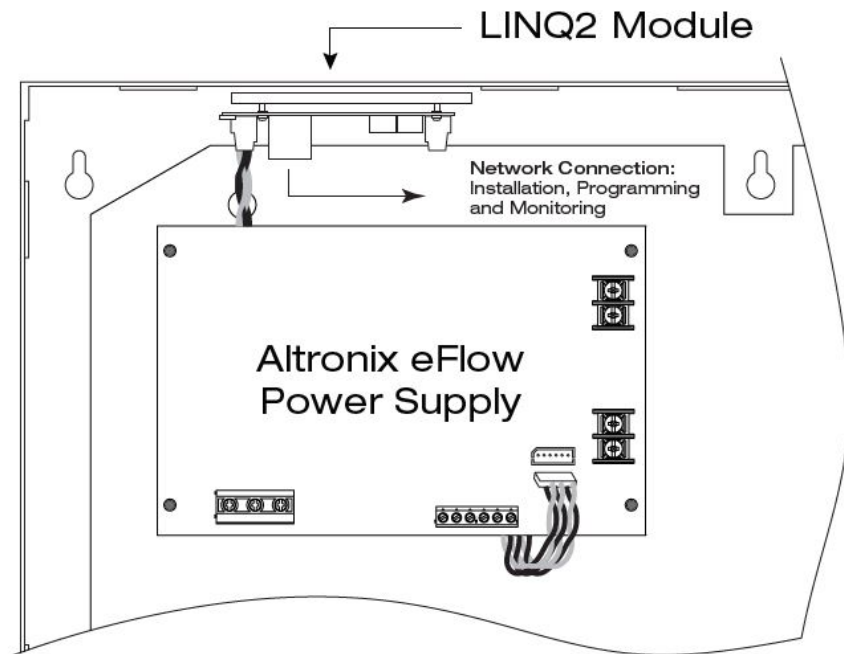
LINQ2 – Network Communication Module
LINQ2 provides remote IP access to real-time data from eFlow power supply/chargers to help keep systems up and running at optimal levels. It facilitates fast and easy installation and set-up, minimizes system downtime, and eliminates unnecessary service calls, which helps reduce Total Cost of Ownership (TCO) – as well as creat-ing a new source of Recurring Monthly Revenue (RMR).
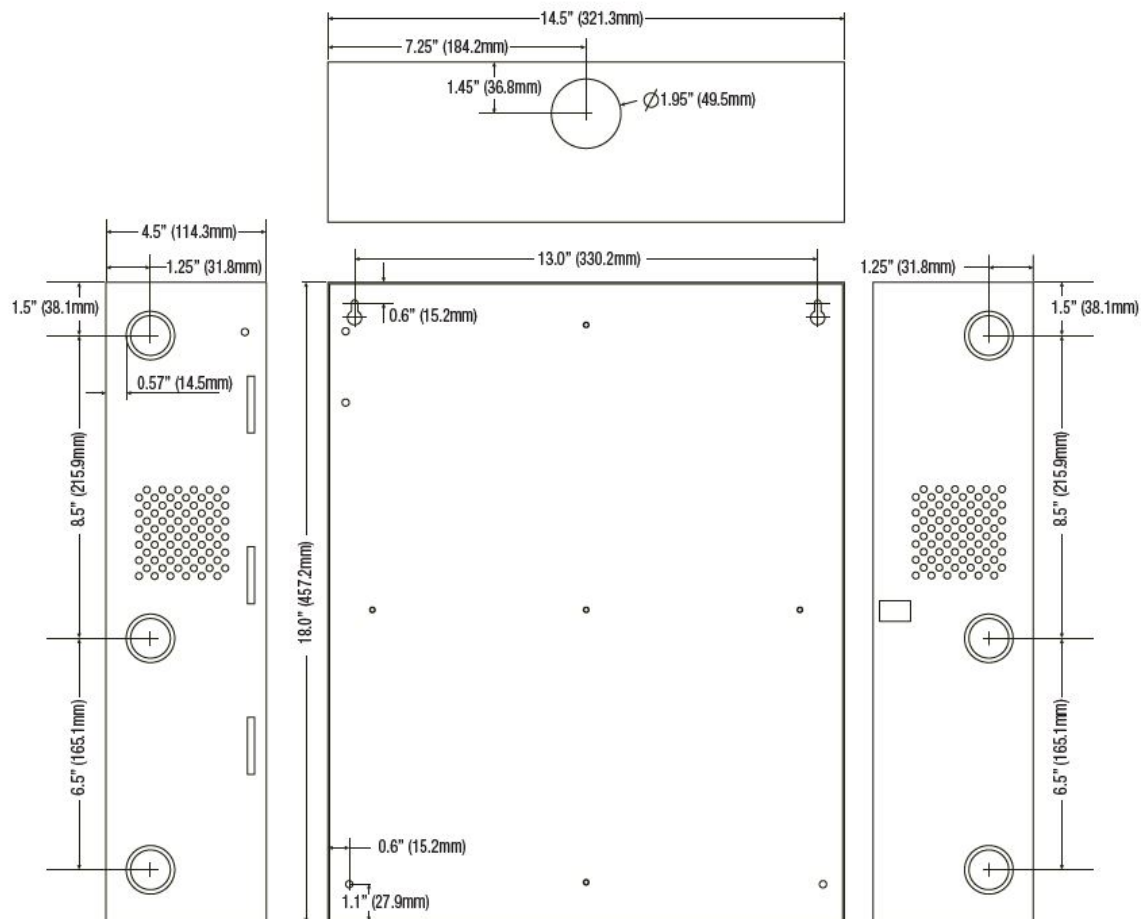
LINQ2

Features:

- UL Listed in the U.S. and Canada.
- Local or remote control of up to (2) two Altronix eFlow power output(s) via LAN and/or WAN.
- Monitor real time diagnostics: DC output voltage, output current, AC & battery status/service, input trigger state change, output state change and unit temperature.
- Access control and user managment: Restrict read/write, Restrict users to specific resources
- Two (2) integral network controlled Form "C" Relays.
- Three (3) programmable input triggers: Control relays and power supplies via external hardware sources.
- Email and Windows Dashboard notifications
- Event log tracks history.
- Secure Socket Layer (SSL).
- Programmable via USB or web browser – includes operating software and 6 ft. USB cable.

LINQ2 Mounts Inside any Trove Enclosure

LINQ2 Module

Network Connection:
Installation, Programming
and Monitoring

Altronix eFlow
Power Supply

T1DMK3F4 Enclosure Dimensions (H x W x D approximate): 18" x 14.5" x 4.625" (457mm x 368mm x 118mm)

T2DMK7F8 Enclosure Dimensions (H x W x D): 27.25" x 21.75" x 6.5" (692.2mm x 552.5mm x 165.1mm)

Documents / Resources

	Altronix T1DMK3F4 4 Door Kit with Fused Outputs [pdf] Installation Guide T1DMK3F4, 4 Door Kit with Fused Outputs, T1DMK3F4 4 Door Kit with Fused Outputs
	Altronix T1DMK3F4 4 Door Kit with Fused Outputs [pdf] Instructions T1DMK3F4 4 Door Kit with Fused Outputs, T1DMK3F4, 4 Door Kit with Fused Outputs, Fused Outputs

References

- ® **Altronix Home**