

Access & Power Integration Solutions

Installation Guide for models:

T2MK3F4D

Fully assembled kit includes:

- Trove2 enclosure with TM2 backplane
- (1) eFlow6NB - Power Supply/Charger
- (1) ACM4CB - PTC Access Power Controller
- (1) VR6 - Voltage Regulator
- (1) PDS8CB - Dual Input Power Distribution Module

T2MK3F4DQ

Fully assembled kit includes:

- Trove2 enclosure with TM2 backplane
- (1) eFlow6NB - Power Supply/Charger
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T2MK3F8D

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T2MK7F8D

Fully assembled kit includes:

- Trove2 enclosure with TM2 backplane
- (1) eFlow104NB - Power Supply/Charger
- (1) ACM8CB - PTC Access Power Controller
- (1) VR6 - Voltage Regulator
- (1) PDS8CB - Dual Input Power Distribution Module

T2MK7F8DQ

Fully assembled kit includes:

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- (1) eFlow104NB - Power Supply/Charger
- (1) LINQ2 - Network Communications Module
- (1) ACM8CB - PTC Access Power Controller
- (1) VR6 - Voltage Regulator
- (1) PDS8CB - Dual Input Power Distribution Module

T2MK77F16D

Fully assembled kit includes:

- Trove2 enclosure with TM2 backplane
- (2) eFlow104NB - Power Supply/Charger
- (2) ACM8CB - PTC Access Power Controller
- (1) VR6 - Voltage Regulator
- (1) PDS8CB - Dual Input Power Distribution Module

T2MK77F16DQ

Fully assembled kit includes:

- Trove2 enclosure with TM2 backplane
- (2) eFlow104NB - Power Supply/Charger
- (1) LINQ2 - Network Communications Module
- (2) ACM8CB - PTC Access Power Controller
- (1) VR6 - Voltage Regulator
- (1) PDS8CB - Dual Input Power Distribution Module



Rev. TMKD060117

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Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____

Altronix Trove Mercury kits are pre-assembled and consist of Trove2M2 enclosure with factory installed Altronix power supply/charger(s) and sub-assemblies. These kits also accommodate various combinations of Mercury boards for up to sixteen (16) doors in a single enclosure.

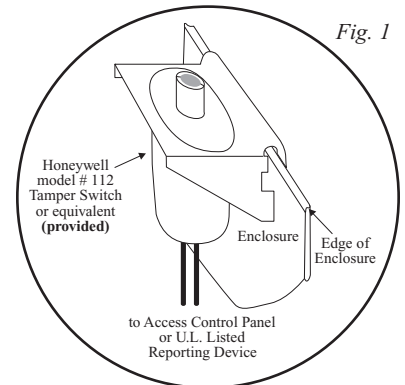
Configuration Chart:

Altronix Model Number	Nominal DC Output Voltage		Maximum Supply Current for Main and Aux. Outputs on Power Supply board and ACM4/ACM8 Access Power Controller's outputs (A)	Fail-Safe/Fail-Secure Outputs (auto-resettable)	120VAC 60Hz Input Current (A)	Current Per ACM4CB/ACM8CB Output (A)	Power Supply Board Input Fuse Rating	Power Supply Board Battery Fuse Rating	ACM4/CBACM8CB Board Input Fuse Rating	ACM4CB/ACM8CB Board Output PTC Rating	PDS8CB Board Input PTC Rating	PDS8CB Board Output PTC Rating
	[DC]	[Aux]										
	24VDC Output Range (V)	24VDC Output Range (V)										
T2MK3F4D	20.19-26.4	20.19-26.4	24VDC @ 5.8A	4	3.5	2.0	5A/250V	10A/32V	10A/250V	2A	10A/250V	2A
T2MK3F4DQ	20.19-26.4	20.19-26.4	24VDC @ 5.8A	4	3.5	2.0	5A/250V	10A/32V	10A/250V	2A	10A/250V	2A
T2MK3F8D	20.19-26.4	20.19-26.4	24VDC @ 5.8A	8	3.5	2.0	5A/250V	10A/32V	10A/250V	2A	10A/250V	2A
T2MK3F8DQ	20.19-26.4	20.19-26.4	24VDC @ 5.8A	8	3.5	2.0	5A/250V	10A/32V	10A/250V	2A	10A/250V	2A
T2MK7F8D	20.17-26.4	20.28-26.4	24VDC @ 9.2A	8	4.5	2.0	6.3A/250V	15A/32V	10A/250V	2A	10A/250V	2A
T2MK7F8DQ	20.17-26.4	20.28-26.4	24VDC @ 9.2A	8	4.5	2.0	6.3A/250V	15A/32V	10A/250V	2A	10A/250V	2A
T2MK77F16D	20.17-26.4	20.28-26.4	24VDC @ 9.2A	16	9	2.0	6.3A/250V	15A/32V	10A/250V	2A	10A/250V	2A
T2MK77F16DQ	20.17-26.4	20.28-26.4	24VDC @ 9.2A	16	9	2.0	6.3A/250V	15A/32V	10A/250V	2A	10A/250V	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(s) from enclosure. Do not discard hardware.
2. Mark and predrill holes in the wall to line up with the top three keyholes in the enclosure. Install three upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's upper keyholes over the 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 three upper screws. Install the three lower screws and make sure to tighten all screws.
3. Mount UL Listed tamper switch (Included) (Ademco model 112 or equivalent) in desired 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. To activate alarm signal open the door of the enclosure.
4. Mount Mercury boards to backplane, refer to pages 3-5.
5. Refer to the corresponding eFlow Power Supply/Charger Installation Instructions (eFlow6NB, eFlow104NB) and *Sub-Assembly Installation Instructions* for the following models: ACM4CB, ACM8CB, LINQ2, PDS8CB, VR6 for further installation instructions.



T2MK3F4D:

eFlow6NB - 24VDC @ 6A Power Supply/Charger with ACM4CB (4) PTC output Access Power Controller, VR6 - 24VDC input to 12VDC output Voltage Regulator, and PDS8CB - eight (8) PTC output Dual Input Power Distribution Module.

T2MK3F4DQ:

eFlow6NB - 24VDC @ 6A Power Supply/Charger with LINQ2 Network Communication Module, ACM4CB - (4) PTC output Access Power Controller, VR6 - 24VDC input to 12VDC output Voltage Regulator, and PDS8CB - eight (8) PTC output Dual Input Power Distribution Module.

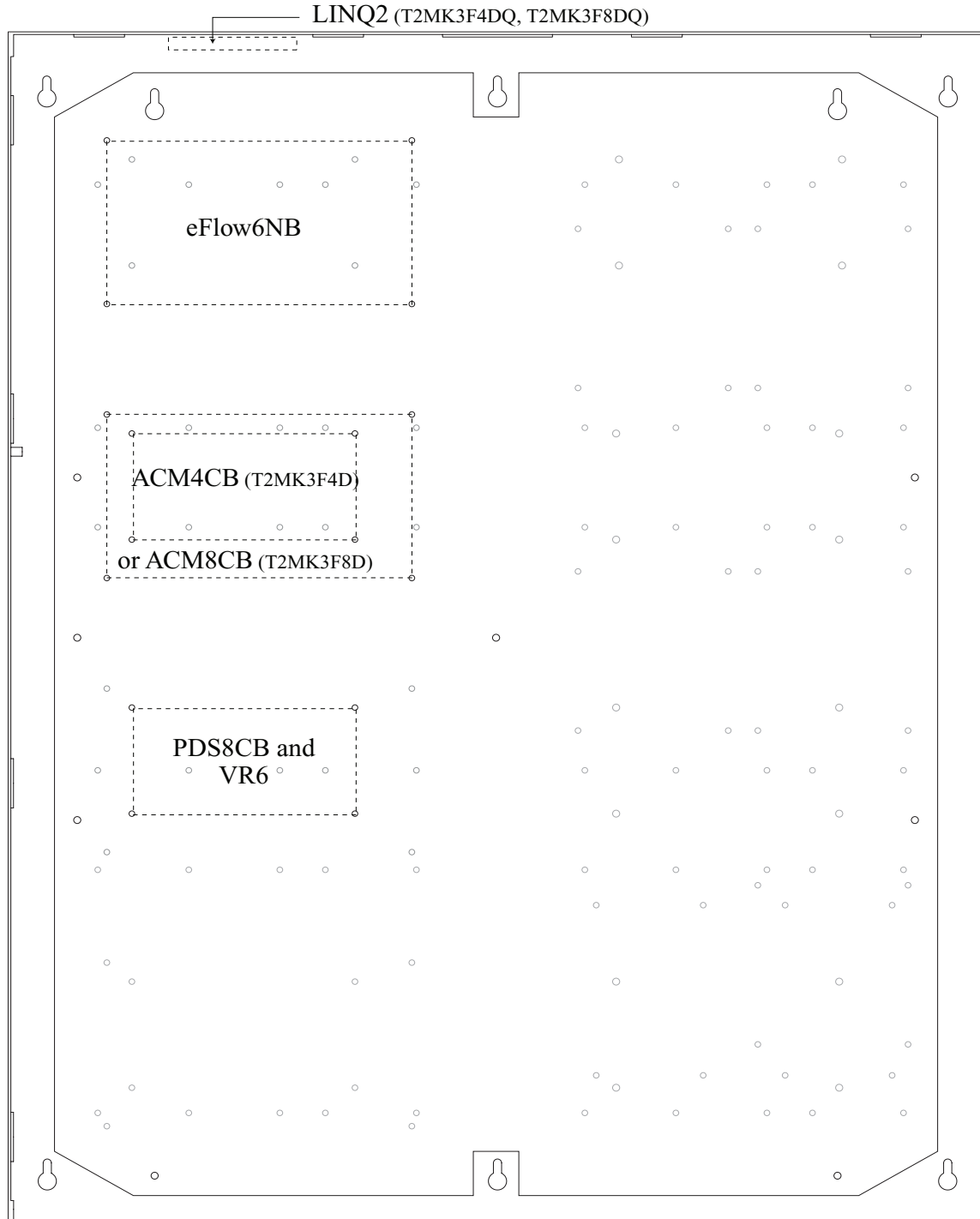
T2MK3F8D:

eFlow6NB - 24VDC @ 6A Power Supply/Charger with ACM8CB (8) PTC output Access Power Controller, VR6 - 24VDC input to 12VDC output Voltage Regulator, and PDS8CB - eight (8) PTC output Dual Input Power Distribution Module.

T2MK3F8DQ:

eFlow6NB - 24VDC @ 6A Power Supply/Charger with LINQ2 Network Communication Module, ACM8CB - (8) PTC output Access Power Controller, VR6 - 24VDC input to 12VDC output Voltage Regulator, and PDS8CB - eight (8) PTC output Dual Input Power Distribution Module.

Fig. 2



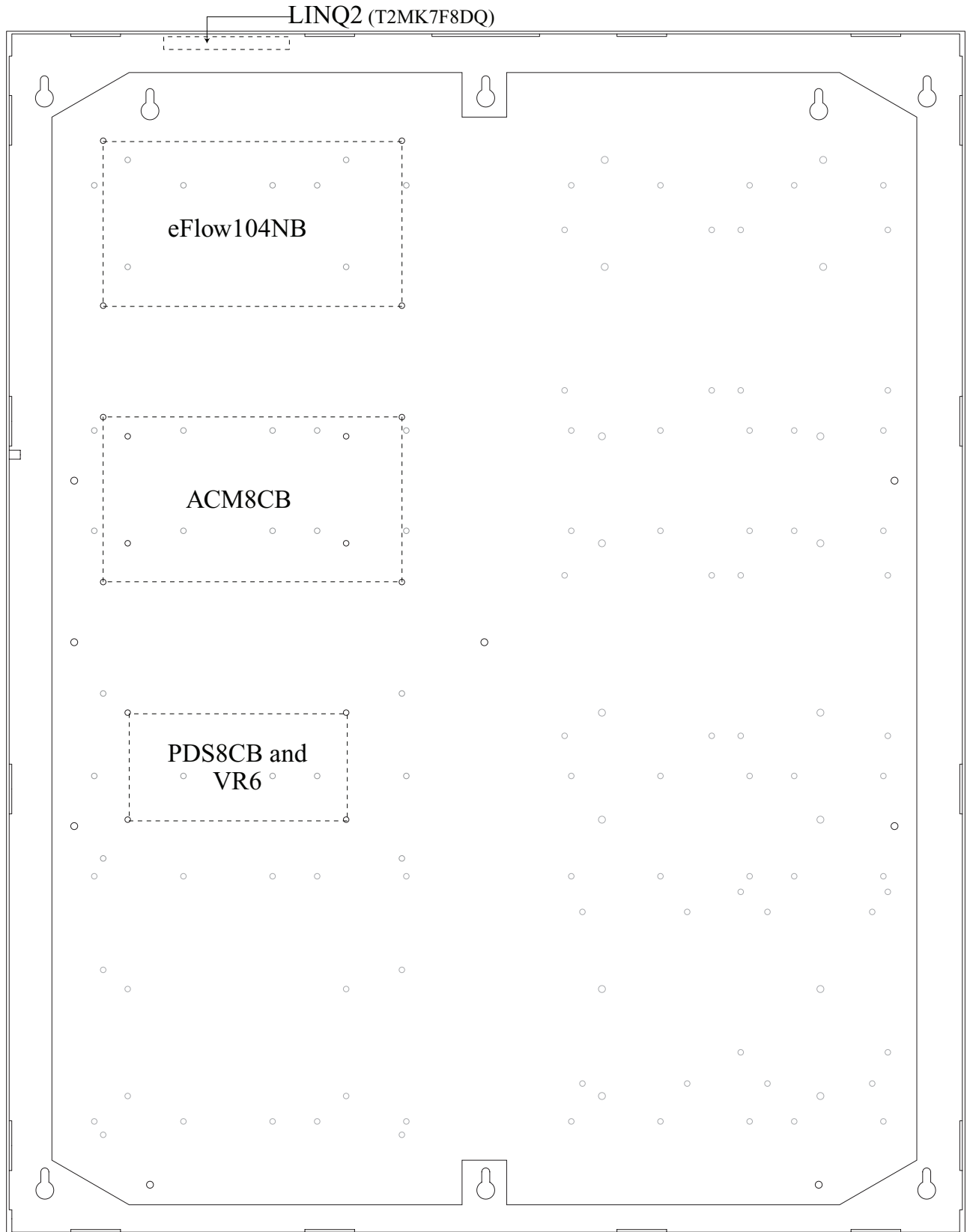
T2MK7F8D:

eFlow104NB - 24VDC @ 10A Power Supply/Charger with ACM8CB (8) PTC output Access Power Controller, VR6 - 24VDC input to 12VDC output Voltage Regulator, and PDS8CB - eight (8) PTC output Dual Input Power Distribution Module.

T2MK7F8DQ:

eFlow104NB - 24VDC @ 10A Power Supply/Charger with LINQ2 Network Communication Module, ACM8CB - eight (8) PTC output Access Power Controller, VR6 - 24VDC input to 12VDC output Voltage Regulator, and PDS8CB - eight (8) PTC output Dual Input Power Distribution Module.

Fig. 3



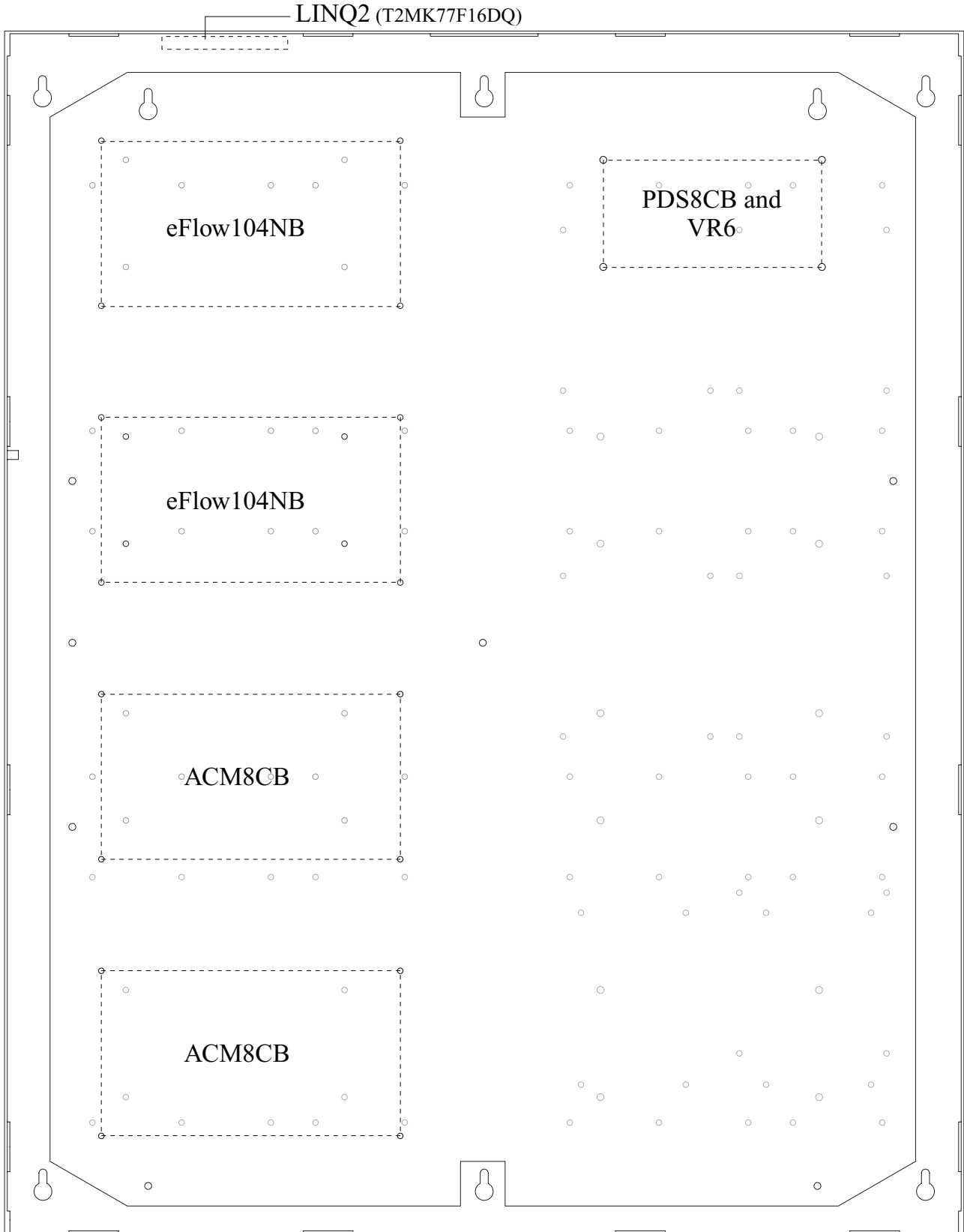
T2MK77F16D:

Two (2) eFlow104NB - 24VDC @ 6A Power Supply/Charger with two (2) ACM8CB (8) PTC output Access Power Controller, VR6 24VDC input to 12VDC output Voltage Regulator and PDS8CB (8) PTC output Dual Input Power Distribution Module.

T2MK77F16DQ:

Two (2) eFlow104NB - 24VDC @ 6A Power Supply/Charger with LINQ2 Network Communication Module, two (2) ACM8CB - eight (8) PTC output Access Power Controller, VR6 - 24VDC input to 12VDC output Voltage Regulator, and PDS8CB - eight (8) PTC output Dual Input Power Distribution Module.

Fig. 4

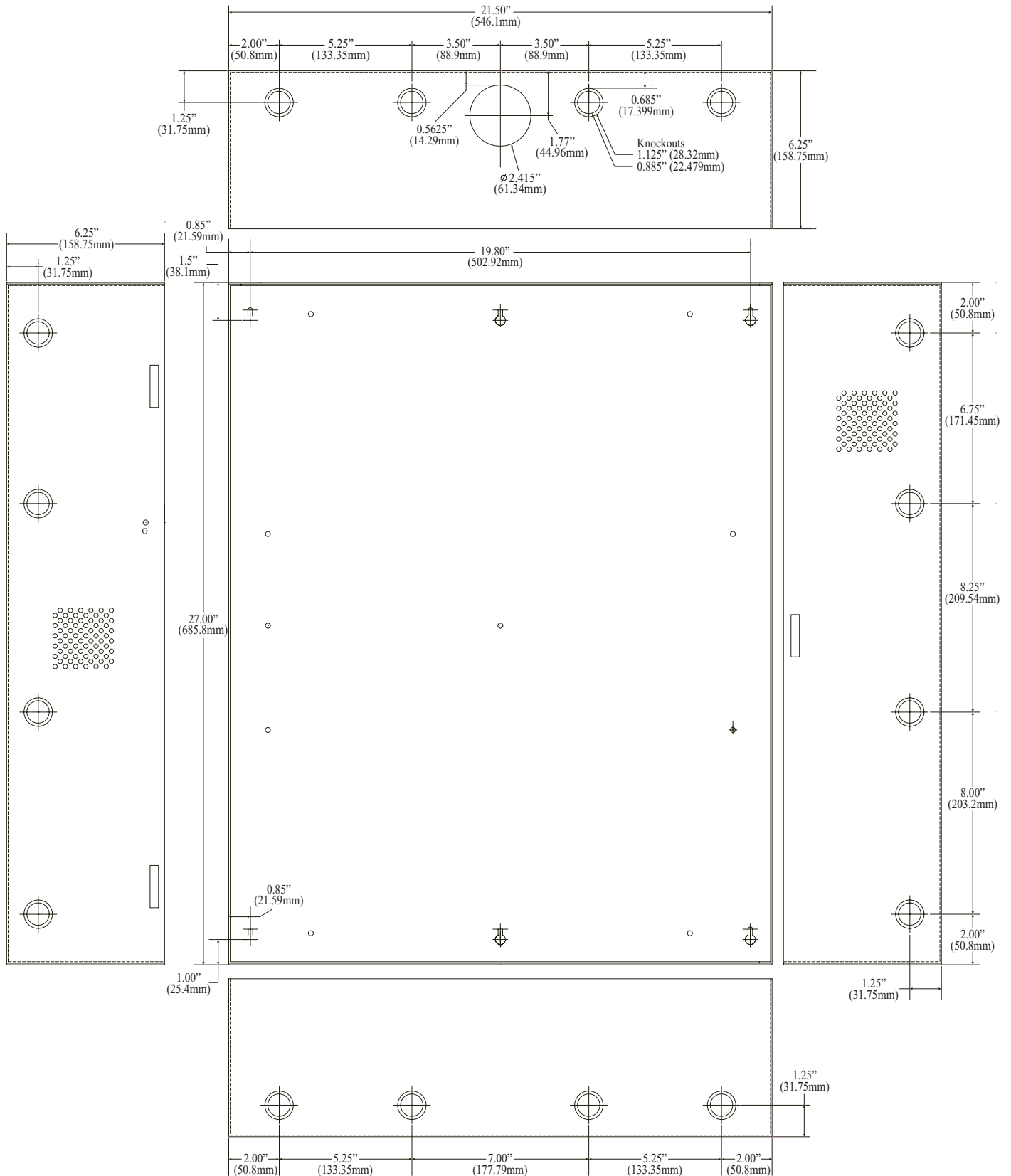


A1 SECURITY CAMERAS

The First Name in Security

Enclosure Dimensions (H x W x D approximate):

27.25" x 21.5" x 6.5" (692.15mm x 546.1mm x 165.1mm)



Altronix is not responsible for any typographical errors.

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 IITrove2M2 Kit Series

F08Q