TROVE™

Access & Power Integration

CE

Altronix/AMAG M4000 Kits

Models Include:

T2AGK78V

8 Door Kit with Fused Outputs

Fully assembled kit includes:

- Trove2 enclosure with TAG2 Altronix/AMAG backplane
- One (1) AL1024XB2V - Power Supply/Charger
- One (1) ACM8 - Fused Access Power Controller
- One (1) VR6 - Voltage Regulator
- One (1) PDS8 - Dual Input Fused Power Distribution Module

T2AGK78DV

8 Door Kit with PTC Outputs

Fully assembled kit includes:

- Trove2 enclosure with TAG2 Altronix/AMAG backplane
- One (1) AL1024XB2V - Power Supply/Charger
- One (1) ACM8CB - PTC Access Power Controller
- One (1) VR6 - Voltage Regulator
- One (1) PDS8CB - Dual Input PTC Power Distribution Module

Installation Guide

Altronix®

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Rev. 050322

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____

Overview:

Altronix T2AGK78V and T2AGK78V Trove AMAG kits are pre-assembled and consist of Trove2AG2 enclosure/backplane with factory installed Altronix power supply/charger and sub-assemblies. These kits also accommodate up to two (2) AMAG M4000 modules for up to eight (8) doors in a single enclosure.

Configuration Chart:

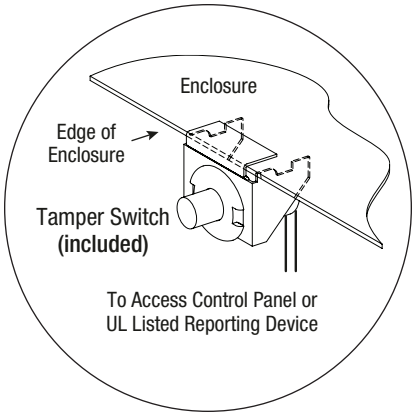
Altronix Model Number	220VAC 60Hz Input Current (A)	Power Supply Board Input Fuse Rating	Power Supply Board Battery Fuse Rating	Maximum Supply Current for Main Output on Power Supply board and ACM8(CB) Access Power Controllers' outputs	Nominal DC Output Voltage Range (VDC)	Fail-Safe/ Fail-Secure Outputs	Additional Fused Outputs	ACM8 and ACM8CB Board Input Fuse Rating	ACM8 Board Output Fuse Rating	ACM8CB Board Output PTC Rating	PDS8 Board Input Fuse Rating	PDS8 Board Output Fuse Rating	PDS8CB Board Input PTC Rating	PDS8CB Board Output Fuse Rating
T2AGK78V	2.5	5A/ 250V	15A/ 32V	24VDC @ 9.7A	20.17-26.4	8	8	10A/ 250V	2.5A/ 250V	–	10A/ 32V	3A/ 32V	–	–
T2AGK78DV										2.5A	–	–	9A	2.5A

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 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 included UL Listed tamper switch (Altronix Model TS112 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 AMAG M4000 modules to TAG2 backplane, refer to *page 3*.
5. Refer to the *XBV Power Supply/Charger Installation Guide* for AL1024XB2V and corresponding *Sub-Assembly Installation Guides* for the following models: ACM8(CB), PDS8(CB) and VR6 for further installation instructions.

Fig. 1



Hardware:

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

T2AGK78(D)V: Configuration of AMAG M4000 Modules:

1. Align the AMAG M4000 modules on the backplane to match the boards' mounting holes with corresponding pems.
2. Fasten spacers (provided) onto metal pems *(Fig. 2a, pg. 3)*.
3. Mount AMAG M4000 modules to spacers utilizing pan head screws (provided) *(Fig. 2a, pg. 3)*.
   Note: AMAG M4000 modules have one (1) screen. Please make sure that they are mounted correctly, as shown in *Fig. 2* below.
4. Fasten TAG2 backplane to Trove2 enclosure utilizing hardware (provided).

Fig. 2

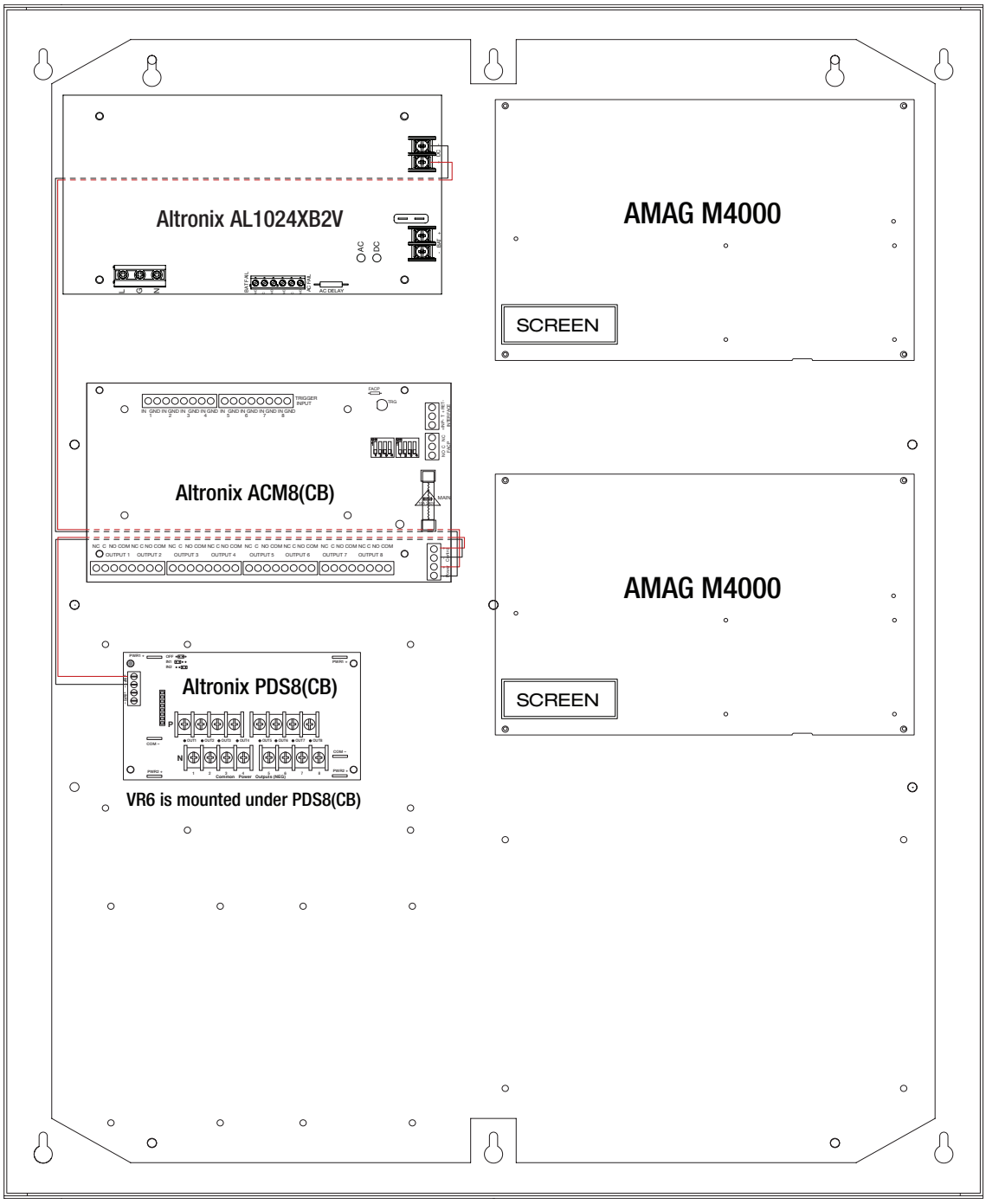
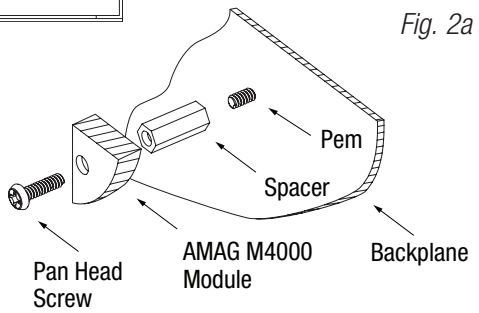


Fig. 2a



Enclosure Dimensions (H x W x D approximate)**:**

27.25” x 21.75” x 6.5” (692.2mm x 552.5mm x 165.1mm)

