

Altronix/Axis Communications Kits

Models Include:

T1AXK3F2SV

2 Door Kit with Fused Outputs

Fully assembled kit includes:

- Trove1 enclosure with TDR1 Altronix/DIN Rail backplane
- One (1) eFlow6NBV - Power Supply/Charger
- One (1) VR6 - Voltage Regulator
- One (1) ACM4 - Fused Access Power Controller
- One (1) PDS8 - Dual Input Fused Power Distribution Module
- One (1) D10 - 10" DIN Rail

T1AXK3F2SDV

2 Door Kit with PTC Outputs

Fully assembled kit includes:

- Trove1 enclosure with TDR1 Altronix/DIN Rail backplane
- One (1) eFlow6NBV - Power Supply/Charger
- One (1) VR6 - Voltage Regulator
- One (1) ACM4CB - PTC Access Power Controller
- One (1) PDS8CB - Dual Input PTC Power Distribution Module
- One (1) D10 - 10" DIN Rail

Please refer to the included corresponding Sub-Assembly Installation Guides for further information.

Installation Guide



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Rev. 062024

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____



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Overview:

Altronix T1AXK3F2SV and T1AXK3F2SDV Trove Axis Communications kits are pre-assembled and consists of Trove1DR1 enclosure/backplane with factory installed Altronix sub-assemblies. These kits also accommodate one (1) A1610 or two (2) A1210 for up to two (2) doors in a single enclosure.

Configuration Chart:

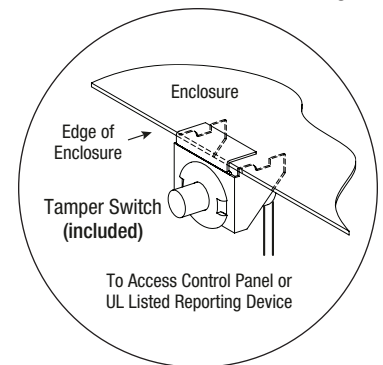
Altronix Model Number	220VAC 60Hz Input Current (A)	Power Supply Board Input Fuse Rating	Power Supply Board Battery Fuse Rating	Nominal DC Output Voltage		Maximum Supply Current for Main Outputs on Power Supply board and ACM4(CB) Access Power Controller's outputs	ACM4(CB) and PDS8(CB) Board Input Fuse (PTC) Rating	ACM4(CB) and PDS8(CB) Board Output Fuse (PTC) Rating
				[DC]	[Aux]			
				Output Range (VDC)	Output Range (VDC)			
T1AXK3F2SV	2.5	5A/ 250V	10A/ 32V	20.17-26.4	20.28-26.4	24VDC @ 5.8A	10A/ 32V	3A/ 32V
T1AXK3F2SDV				20.17-26.4	20.28-26.4		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 two (2) keyholes in the enclosure. Install two upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's upper keyholes over the two upper screws; level and secure. Mark the position of the lower two holes. Remove the enclosure. Drill the lower holes and install the two fasteners. Place the enclosure's upper keyholes over the three upper screws. Install the two lower screws and make sure to tighten all screws.
3. Mount included UL Listed tamper switch (Altronix Model T112 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 Axis Communications modules onto DIN Rail, refer to *Fig. 2, pg. 3*
5. Refer to the *eFlow Power Supply/Charger Installation Guide* for eFlow6NBV and corresponding *Installation Guide* for ACM4(CB), PDS8(CB) and VR6 for further installation instructions.
6. Mount backplane to enclosure with hardware.

Fig. 1



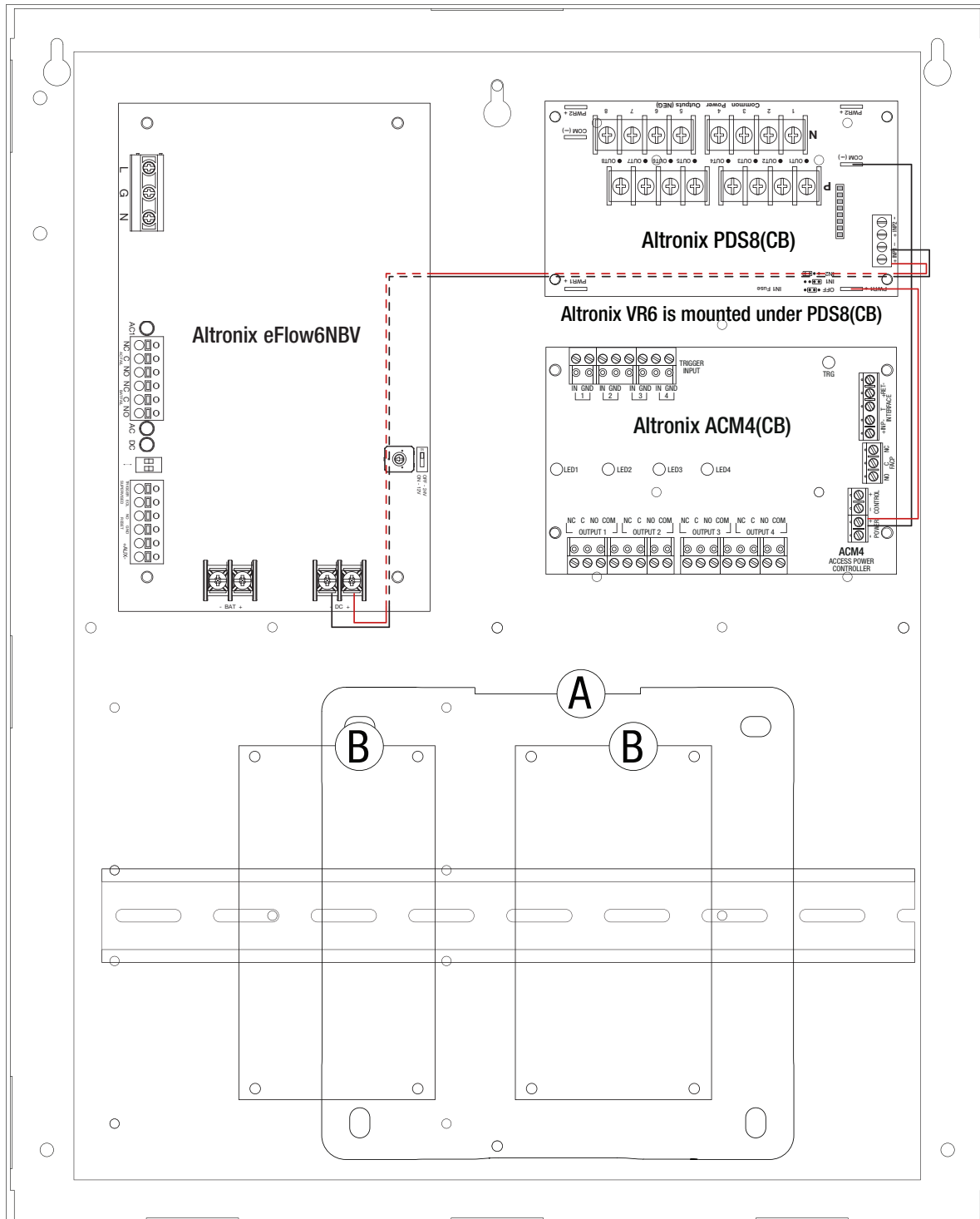
T1AXK3F2S(D)V: Installation Instructions for Axis Communications Access Controllers on TDR1:

1. Fasten DIN Rail (provided) to pem spacers, utilizing 5/16" pan head screws (included) (Fig. 2, pg. 3).
2. Mount Axis modules to DIN Rail (refer to below chart for model number, Fig. 2, pg. 3).
3. Fasten TDR1 backplane to Trove1 enclosure utilizing lock nuts (provided by Altronix).

Axis Communications Access Controller Position Chart for the Following Models:

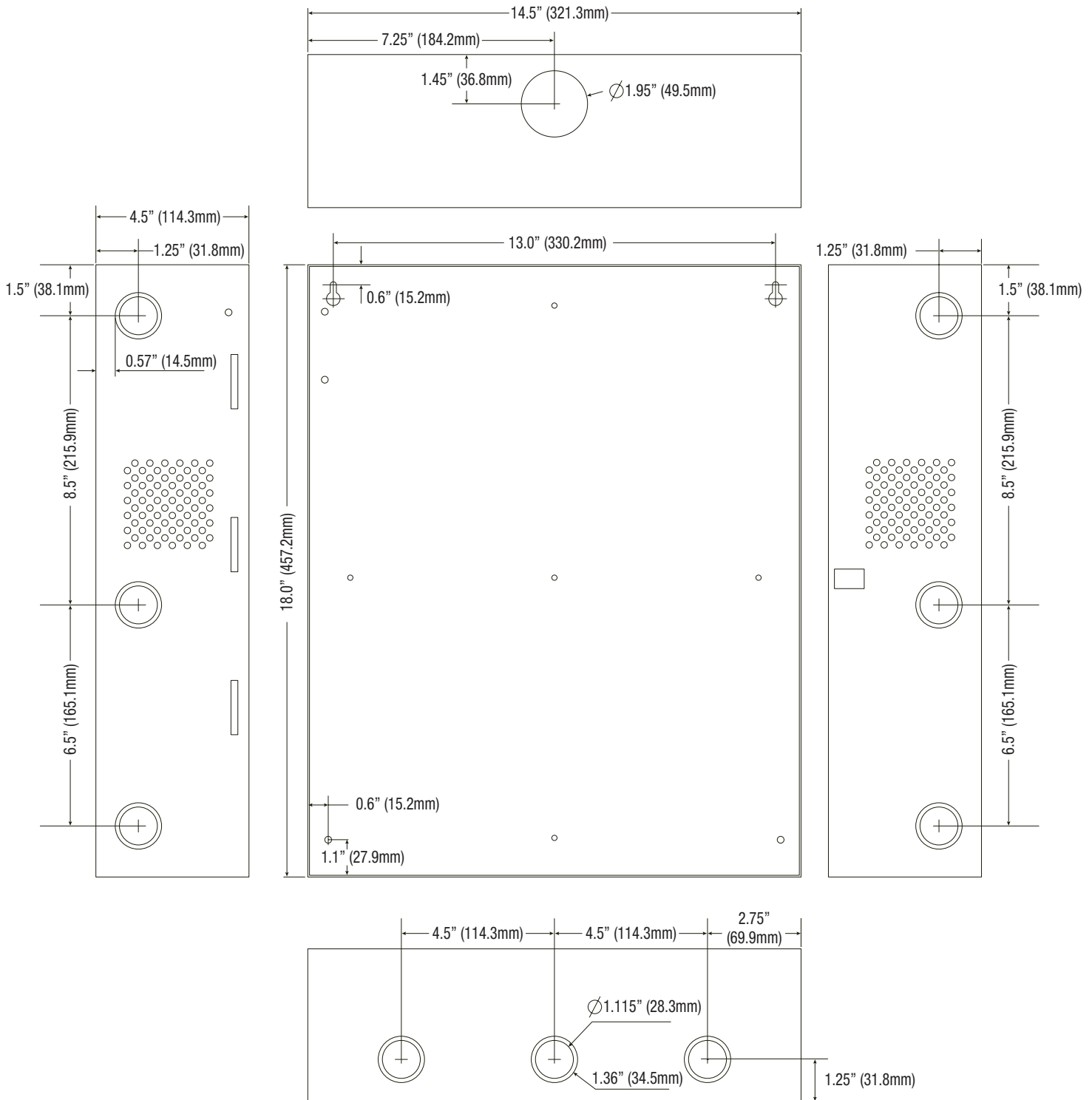
Altronix/Axis Communications	Pem Mounting
Axis 1601, Axis 1610 (mounted onto DIN Rail)	(A)
Axis 1210 (mounted onto DIN Rail)	(B)

Fig. 2



Trove1 Enclosure Dimensions (H x W x D approximate):

18" x 14.5" x 4.625" (457mm x 368mm x 118mm)



Altronix is not responsible for any typographical errors. Product specifications are subject to change without notice.

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