

# TROVE™



## ***Access & Power Integration***

### ***T3SSK75F28***

#### ***28 Door Kit with Fused Outputs***

*Fully assembled kit includes:*

- Trove3 enclosure with TSS3 Altronix/Lenel-S2 (S2 Security Platform) backplane
- One (1) eFlow104NB - Power Supply/Charger
- One (1) eFlow102NB - Power Supply/Charger
- Three (3) ACM8 - Fused Access Power Controllers
- One (1) ACM4 - Fused Access Power Controller
- Two (2) PD16W - Fused Power Distribution Module
- One (1) RSB2\* - Rocker Switch Bracket with Two (2) Rocker Switches (Not evaluated by UL)

### ***T3SSK75F28D***

#### ***28 Door Kit with PTC Outputs***

*Fully assembled kit includes:*

- Trove3 enclosure with TSS3 Altronix/Lenel-S2 (S2 Security Platform) backplane
- One (1) eFlow104NB - Power Supply/Charger
- One (1) eFlow102NB - Power Supply/Charger
- Three (3) ACM8CB - PTC Access Power Controllers
- One (1) ACM4CB - PTC Access Power Controller
- Two (2) PD16WCB - PTC Power Distribution Module
- One (1) RSB2\* - Rocker Switch Bracket with Two (2) Rocker Switches (Not evaluated by UL)

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***



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Rev. T3SSK\_081220

Installing Company: \_\_\_\_\_ Service Rep. Name: \_\_\_\_\_

Address: \_\_\_\_\_ Phone #: \_\_\_\_\_

## Overview:

Altronix T3SSK75F28 and T3SSK75F28D Trove S2 kits are pre-assembled and consist of Trove enclosures/backplanes with factory installed Altronix power supply/chargers and sub-assemblies. Both kits accommodate Lenel-S2 (S2 Security Platform) S2-INST Installation Kit for S2 Network Node for up to twenty-eight (28) (T2SSK7F8) doors in a single enclosure.

## Configuration Chart:

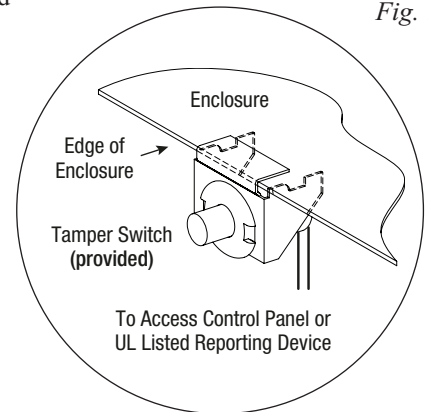
Altronix Model Number	120V/AC 60Hz Input Current (A)	Power Supply Board Input Fuse Rating	Power Supply Board Battery Fuse Rating	Nominal DC Output Voltage				Maximum Supply Current for Main and Aux. Outputs on Power Supply board and ACM8(CB) Access Power Controllers' outputs	Fail-Safe/Fail-Secure Outputs	Additional Fused Outputs	ACM8(CB) Board Input Fuse Rating	ACM8 Board Output Fuse Rating	ACM8CB Board Output PTC Rating	ACM4(CB) Board Input Fuse Rating	ACM4 Board Output Fuse Rating	ACM4CB Board Output PTC Rating	PD16W Board Output Fuse Rating	PD16WCB Board Output PTC Rating
				Power Supply 1		Power Supply 2												
				[DC]	[Aux]	[DC]	[Aux]											
				Output Range (VDC)	Output Range (VDC)	Output Range (VDC)	Output Range (VDC)											
T3SSK75F28	7.5	eFlow104NB 6.3A/ 250V	15A/ 32V	20.17-	20.28-	9.7-	10.03-	24VDC @ 9.4A	28	16	10A/ 250V	3.5A/ 250V	10A/ 32V	3A/ 32V	3.5A/ 250V			
T3SSK75F28D		eFlow102NB 5A/ 250V		26.4	26.4	13.2	13.2											12VDC @ 10A

## 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 switches (Altronix Model TS112 or equivalent) in desired locations, 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 S2-INST Installation Kit to backplane, refer to *page 3*.
5. Refer to the *eFlow Power Supply/Charger Installation Guide* for eFlow102NB and eFlow104NB and corresponding *Sub-Assembly Installation Guides* for ACM4(CB), ACM8(CB) and PD16W(CB) for further installation instructions.

Fig. 1



## Hardware:



### T3SSK75F28(d): Access Controller Position Chart for the S2-INST Installation Kit:

1. Align S2-INST mounting holes with pems on TSS3 (Fig. 2, pg. 3).
2. Attach S2-INST to backplane with lock nuts (provided) (Fig. 2a, pg. 3).
3. Mount backplane to enclosure with hardware.
4. Fasten TSS3 backplane to Trove3 enclosure utilizing hardware (provided).

Fig. 2

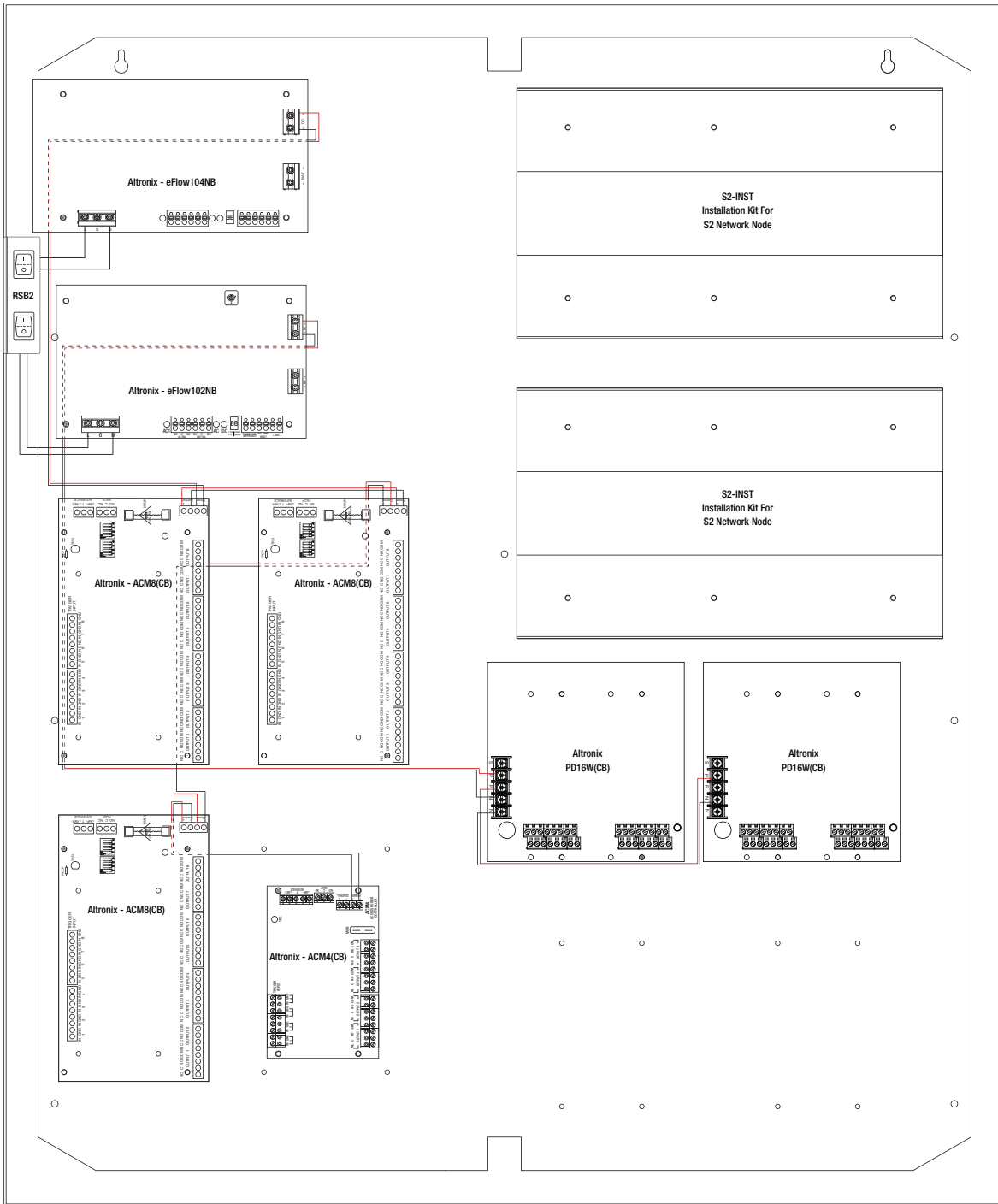
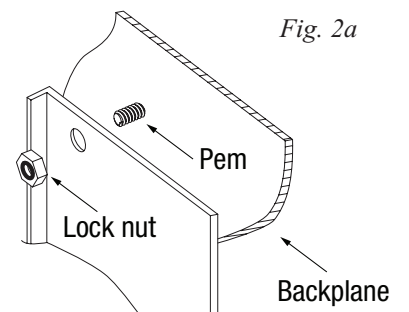
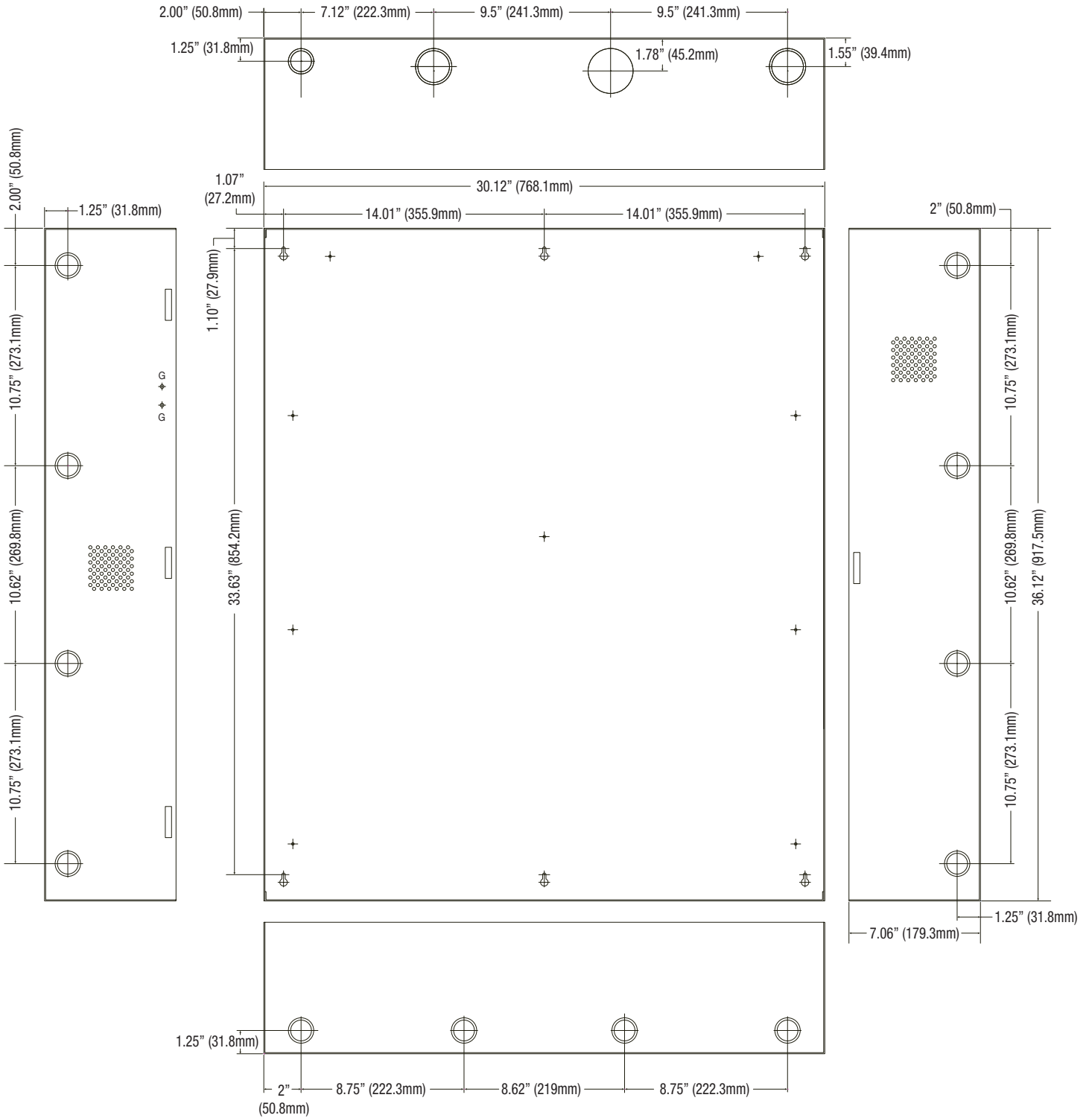


Fig. 2a



**Trove3 Enclosure Dimensions** (H x W x D approximate):  
 36.12" x 30.125" x 7.06" (917.5mm x 768.1mm x 179.3mm)



Altronix is not responsible for any typographical errors.

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