




Altronix TROVE T2P XK78, T2P XK78D 8 Door Access and Power Integration Kit Instruction Manual

[Home](#) » [Altronix](#) » Altronix TROVE T2P XK78, T2P XK78D 8 Door Access and Power Integration Kit Instruction Manual 

Contents

- [1 Altronix TROVE T2P XK78, T2P XK78D 8 Door Access, and Power Integration Kit](#)
- [2 Overview](#)
- [3 Configuration Chart](#)
- [4 Installation Instructions](#)
- [5 Hardware](#)
- [6 Configuration of Paxton Net2 Plus Modules](#)
 - [6.1 Enclosure Dimensions](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)



Altronix TROVE T2P XK78, T2P XK78D 8 Door Access, and Power Integration Kit



T2PXK78

8 Door Kit with Fused Outputs

Fully assembled kit includes:

- Trove2 enclosure with TPX2 Altronix/Paxton backplane
- One (1) AL1024ULXB2 – Power Supply/Charger
- One (1) ACM8 – Fused Access Power Controller
- One (1) VR6 – Voltage Regulator
- One (1) PDS8 – Dual Input Fused Power Distribution Module

T2PXK78D

8 Door Kit with PTC Outputs

Fully assembled kit includes:

- Trove2 enclosure with TPX2 Altronix/Paxton backplane
- One (1) AL1024ULXB2 – 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.

Overview

Altronix Trove Paxton kits are pre-assembled and consist of Trove2PX2 enclosure/backplane with factory installed Altronix power supply/charger and sub-assemblies. They also accommodate up to eight (8) Paxton Net2 Plus modules for up to eight (8) doors in a single enclosure.

Configuration Chart

Altronix Model Number	115 VAC 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 AC M8(CB) Access Power Controller's outputs	Nominal DC Output Voltage	Class 2 Rated Power-Limited Outputs	Fail-Safe/Fail-Secure or Dry Form "C" Outputs	Additional Fuse or PTC Protected Outputs	AC M8 (CB) Board Input Fuse Rating	AC M8 Board Output Fuse Rating	AC M8 CB Board Output PTC Rating	PD S8 Board Input Fuse Rating	PD S8 Board Output Fuse Rating	PD S8 CB Board Input PTC Rating	PD S8 CB Board Output PTC Rating
T2PXK78	4.2	5A/250V	15A/32V	24VDC @ 9.7 A	20.17-26.4	–	8	8	10 A/250V	2.5 A/250V	–	10 A/32V	3A/32V	–	–
T2PXK78D						P	8	8	10 A/250V	–	2.5 A	–	–	9A	2.5 A

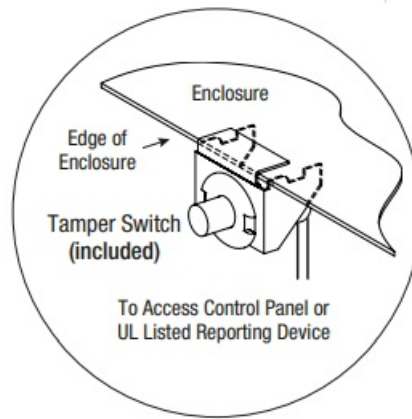
Installation Instructions

Wiring methods shall be in accordance with the National Electrical Code/NFPA 70/ANSI, and with all local codes and authorities having jurisdiction.

The product is intended for indoor use only.

1. Remove the backplane from the 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 the desired location, opposite

hinge. Slide the tamper switch bracket onto the edge of the enclosure, approximately 2" from the right side.



Connect tamper switch wiring to the Access Control Panel input or the appropriate UL Listed reporting device.

To activate the alarm signal open the door of the enclosure.

4. Mount Paxton Net2 Plus modules to TPX2 backplane.
5. Refer to the ULXB Power Supply/Charger Installation Guide for AL1024ULXB2 and corresponding Sub-Assembly Installation Guides for the following models:
ACM8(CB), PDS8(CB) and VR6 for further installation instructions.

Hardware



Nylon Spacer



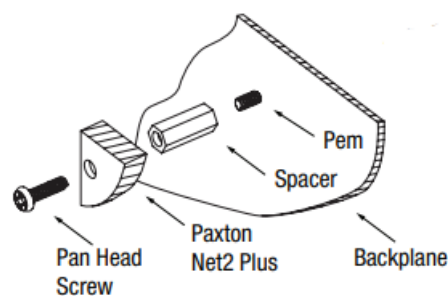
5/16" Pan Head Screw



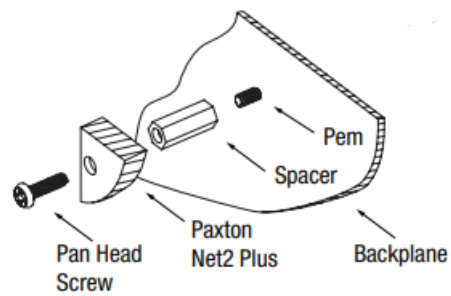
Lock Nut

Configuration of Paxton Net2 Plus Modules

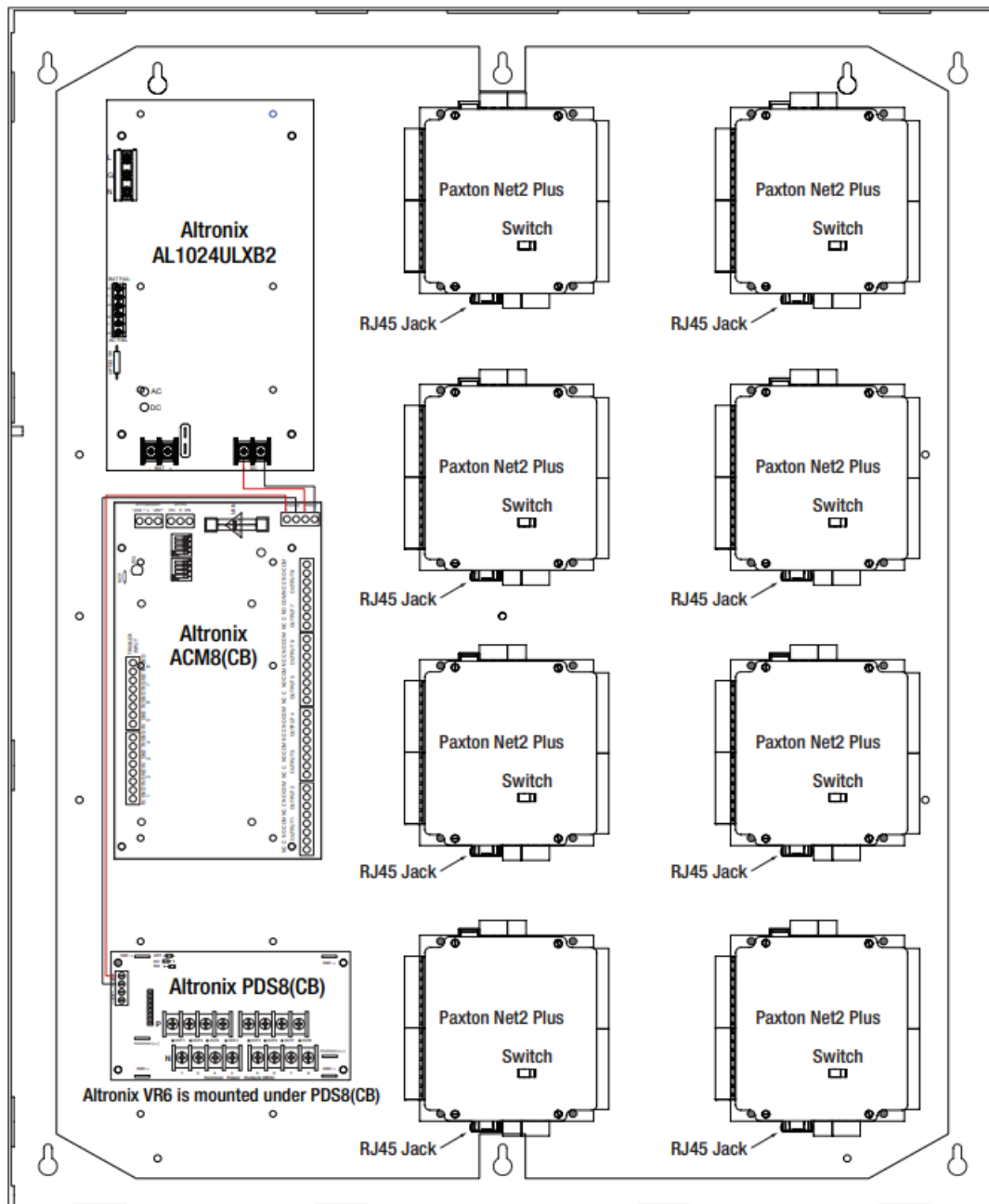
1. Align the Paxton Net2 Plus modules on the backplane to match the modules' mounting holes with the corresponding pems.
2. Fasten spacers (provided) onto metal pems.



3. Mount Paxton Net2 Plus modules to spacers utilizing pan head screws (provided).



Note: Paxton Net2 Plus modules have one (1) RJ45 jack and one (1) switch each.
Please make sure that they are mounted correctly, as shown in below.

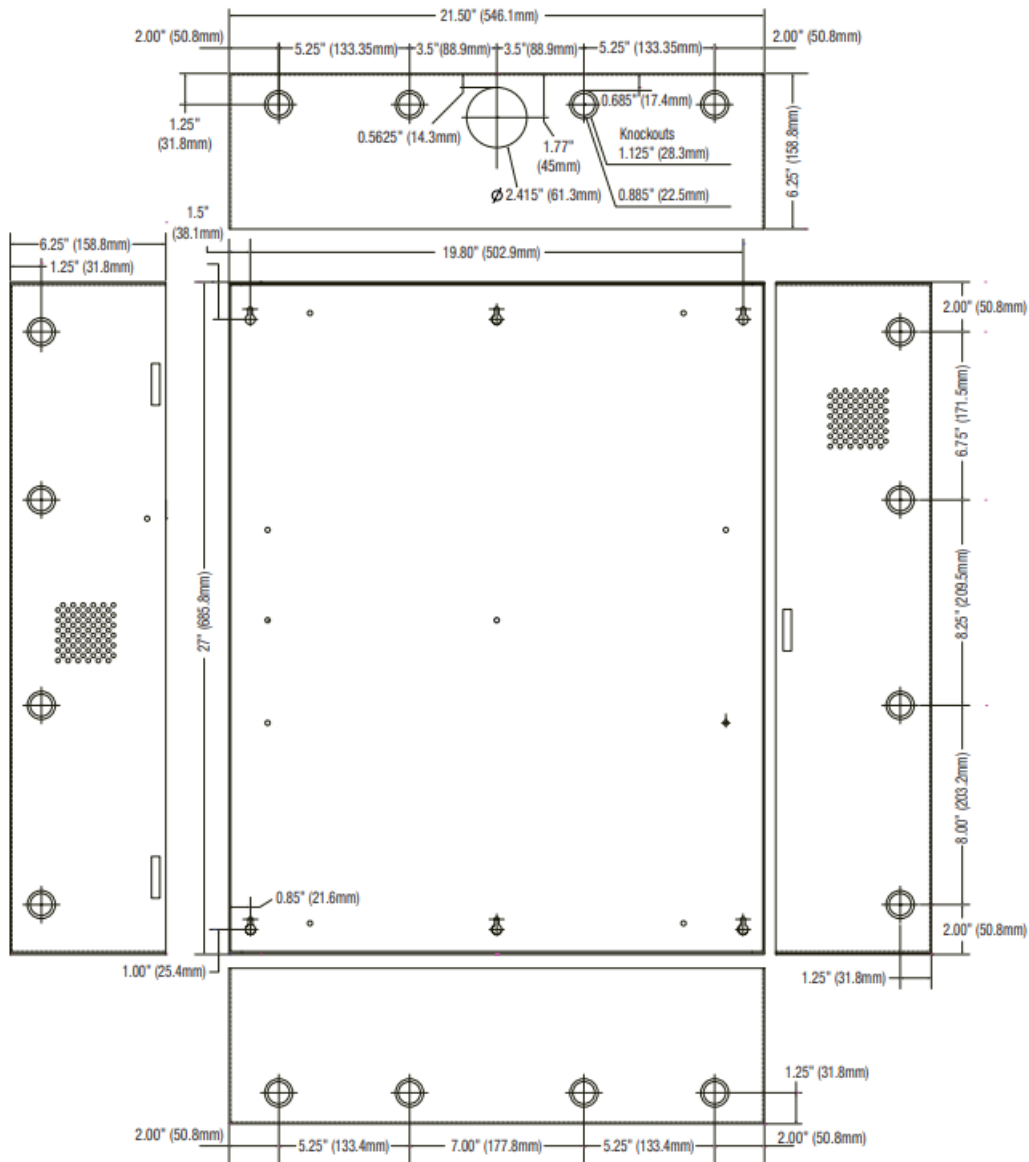


4. Fasten TPX2 backplane to Trove2 enclosure utilizing hardware (provided).

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

Documents / Resources

 <p>Altronix/Paxton Kits</p> <p>Models include:</p> <ul style="list-style-type: none"> T2PXK78 T2PXK78D <p>Installation Guide</p> <p>Altronix</p>	<p>Altronix TROVE T2PXK78, T2PXK78D 8 Door Access and Power Integration Kit [pdf] Instruction Manual</p> <p>T2PXK78, T2PXK78D, TROVE T2PXK78 T2PXK78D 8 Door Access and Power Integration Kit, TROVE T2PXK78, TROVE T2PXK78D, TROVE 8 Door Access and Power Integration Kit, 8 Door Access and Power Integration Kit, Access and Power Integration Kit, Access and Power, Integration Kit</p>
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References

-  [Altronix Home](#)