

T2PHK3316D (Kit)

Access & Power Integration Solution for Openpath



Altronix T2PHK3316D kit consists of Trove2 enclosure, TCV2 Openpath/Altronix backplane with two (2) 12 or 24VDC @ 6A power supply/chargers, and two eight (8) PTC protected output access control modules. This kit also accommodates up to two (2) Openpath Core, two (2) Elevator Board, two (2) 4-Port or 8-Port modules for up to sixteen (16) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T2PHK3316D

openpath boards sold separately



Key Features

- 12 or 24VDC power supply/chargers
- Accommodates up to two (2) Openpath OP-ACC, OP16EM, and two (2) OP-EX-4E or OP-X-8E modules
- Convenient knockout configuration:
 - One (1) single knockout 2.415" (2" Conduit)
 - Sixteen (16) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- 16 AWG galvanized steel backplane simplifies board layout and wire management
- Supervision
 - AC Fail
 - Supervision (*cont'd*)
 - Battery Fail and Battery Presence
- Agency Listings:
 - All Altronix components of this Trove kit are UL Listed sub-assemblies. Please refer to the Sub-Assembly Installation Guides for further information
 - UL: UL294 - Access Control System
 - cUL: CAN/ULC - s319-05 - Electronic Access Control Systems
 - CE European Conformity
- Enclosure accommodates up to four (4) 12VDC/12AH batteries
- Lifetime Warranty*

**Altronix Power Supply/Chargers and Sub-Assemblies only*

Accessories (order separately)



WM5

WM5, WM25, WM100 - Magnetic Cable Tie Mounts

Altronix WM5, WM25, and WM100 are packs of 5, 25 or 100 magnetic cable tie mounts respectively. They accommodate standard zip ties or velcro straps. These are ideal for wire management in our Trove series.



Mounting Magnet

MM4, MM8, MM12, MM24 - Magnetic Mounting Solution

Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/ accessories in any metal enclosure or backplane.

Specifications

Two (2) Power Supply/Chargers (AL600ULXB):

Input

Voltage	115VAC, 60Hz, 3.5A max
Fusing	5A / 250V

Output

Voltage	12VDC or 24VDC selectable
Current	6A @ 12VDC or 24VDC continuous max
Other	Overvoltage protection Filtered and regulated

Battery Backup

Capacity	7AH/12VDC (Up to 2 within enclosure) 40 AH/65 AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

Supervision

AC Failure	Form "C" contacts
Battery	Form "C" contacts

Indicators (LED)

Input	115VAC is present
DC Output	Powered
Battery	Discharged or not connected

Two (2) Access Power Controllers (ACM8CB):

Input

Voltage	24VDC from eFlow104NB.
Input Fuse	10A/250V.

Outputs

Class 2 power-limited auto-resettable outputs.	
Voltage	24VDC.

Two (2) Access Power Controllers (ACM8CB) (cont'd):

Eight (8) 24VDC independently controlled PTC outputs:
 a) Fail-Safe and/or Fail-Secure power outputs.
 Form "C" Relays rated 28VAC or VDC @ 2.5A.
 b) Any combination of the above.

Output PTCs 2.5A.

Indicators (LED)

Red LEDs	Outputs are triggered (relays energized).
Green LED	FACP disconnect is triggered.

T2PHK3316D Kit:

Agency Listings

All components of this Trove kit are UL Listed sub-assemblies
 Please refer to the corresponding Sub-Assembly Installation Guides for
 further information

CE European Conformity

Physical and Environmental

Dimensions (H x W x D)

Enclosure:
 27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm).

Shipping:
 32.5" x 26.5" x 11.125" (826mm x 673mm x 283mm)

Weight (approx.)

Product	54.7 lb. (24.8 kg)
Shipping	59.7 lb. (27.1 kg)

Temperature

Operating	0°C to 49°C (32°F to 120°F)
Storage	-20°C to 70°C (-4°F to 158°F)

Relative Humidity

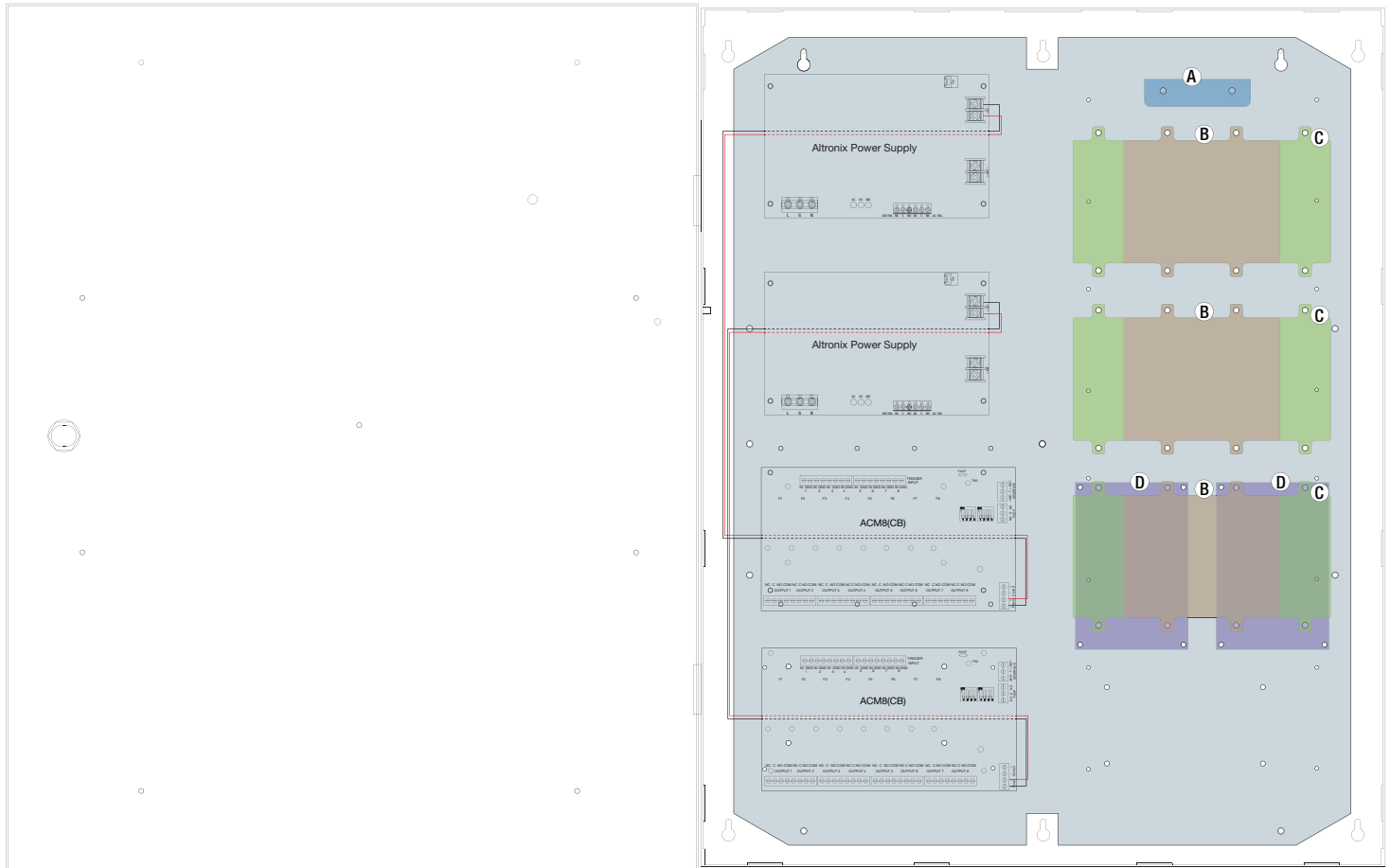
85% +/-5%

BTU/Hr (approx.):

12VDC: 74 BTU/Hr
 24VDC: 148 BTU/Hr
 12VDC and 24VDC: 111 BTU/Hr

Access Controller Position Chart for the Following Models:

Openpath	Pem Mounting
OP-ACC	(A)
OP-EX-4E	(B)
OP-EX-8E	(C)
OP-16EM	(D)



Dimensions and Drawing

Dimensions (H x W x D approximate)
 27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)

