

# Trove1C1 (Enclosure & Backplane) / TC1 (Backplane)

## Access & Power Integration Solution for CDVI

Altronix Trove™ enclosures and backplanes let you easily integrate Altronix power with CDVI Atrium access controllers and accessories. Trove simplifies board layout and wire management, reduces installation time and labor costs.



# TROVE™



Trove1C1

*Boards are not included*

## Trove1C1 (Trove1 Enclosure + TC1 Backplane) TC1 (Backplane) Features

- Accommodates the following CDVI Atrium controllers with or without Altronix power/accessories:
  - CDVI Atrium A22K1NB/A22NB/ADH10
  - Altronix Power Supply
  - Altronix Sub-Assembly
- Includes Altronix Trove1 enclosure and one (1) removable TC1 backplane

### Agency Listings

- UL: UL294 - Access Control System.
- cUL: CAN/ULC - s319-05 - Electronic Access Control Systems
- CE European Conformity

### Features

- Simplifies board layout and wire management
- Convenient knockout configuration:
  - One (1) single knockout  
1.948" (1-1/2" Conduit)
  - Nine (9) double knockouts  
1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Accommodates up to two (2) 12VDC/7AH batteries
- 16 Gauge powder coated steel
- Includes cam lock, tamper switch and mounting hardware

### Physical and Environmental

#### Trove1C1 - Dimensions (H x W x D):

- Enclosure:  
18.0" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.5mm)
- Shipping:  
21.75" x 18.25" x 5.75" (553mm x 464mm x 146mm)

#### Trove1C1 - Weights (approx.):

- Product: 15.15 lb. (6.87 kg)
- Shipping: 19.05 lb. (8.64 kg)

#### TC1 - Dimensions (H x W x D):

- Backplane:  
16.625" x 12.5" x 0.06" (422.3mm x 317.5mm x 1.5mm)
- Shipping:  
18.0" x 13.75" x 1" (457mm x 350mm x 26mm)

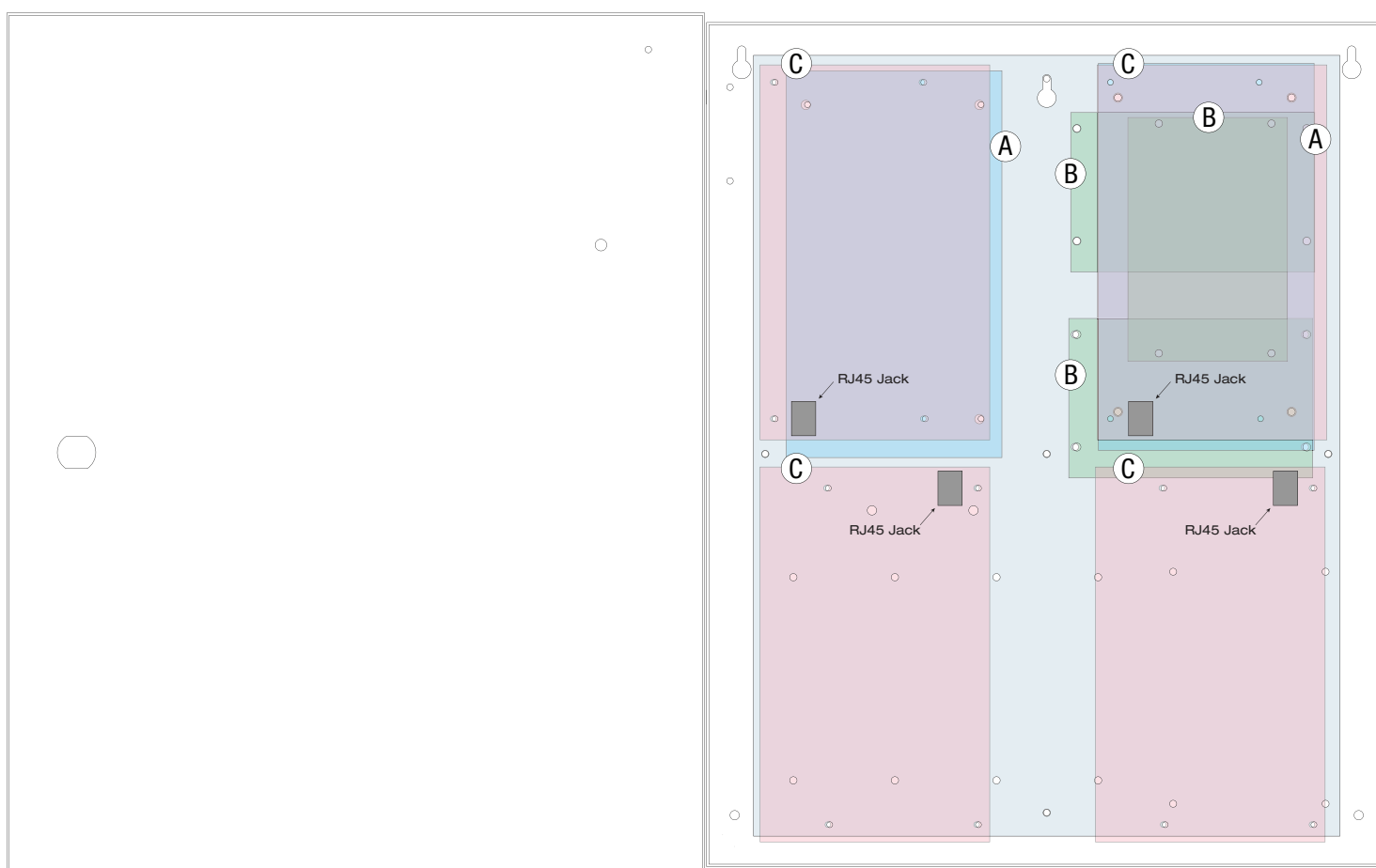
#### TC1 - Weights (approx.):

- Product: 3.35 lb. (1.52 kg)
- Shipping: 4.0 lb. (1.81 kg)

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**Access Controller Position Chart for the Following Models:**

| Altronix / CDVI                                                                                                                                                                                                                         | Pem Mounting |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| AL400ULXB2, AL400ULXB2V, AL600ULXB, AL600XB220, AL1012ULXB, AL1012XB220, AL1024ULXB2, AL1024XB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV, Tango1B, ACMS8, ACMS8CB, ACMS12, ACMS12CB | (A)          |
| ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6                                                                                                                               | (B)          |
| A22NB, A22K1NB                                                                                                                                                                                                                          | (C)          |



**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.

## Dimensions and Drawing

Dimensions (H x W x D approximate)

18.0" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.5mm)

