

Trove3AM3 (Enclosure & Backplane) / TAM3 (Backplane) Access & Power Integration Solution for AMAG



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



Trove3AM3 with
M2150 series boards

Trove3AM3 with
M4000 series boards

Boards are not included

Trove3AM3 (Trove3 Enclosure + TAM3 Backplane) TAM3 (Backplane) Features

- Accommodates the following AMAG controllers with or without Altronix power/accessories:
 - AMAG - Up to two (2) M2150-4DC or M2150-AC244, M2150-DBU, M2150-4DBC or M2150-8DBC modules
 - Up to four (4) M4000 modules
- Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove3 enclosure and one (1) removable TAM3 backplane

Features

- Simplifies board layout and wire management
- Convenient knockout configuration:
 - One (1) single knockout 2.415" (2" Conduit)
 - Two (2) double knockouts
1.948" (1.5" Conduit) / 1.701" (1.25" Conduit)
 - Thirteen (13) double knockouts
1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Accommodates up to four (4) 12VDC/12AH batteries
- 16 Gauge powder coated steel
- Includes cam lock, tamper switch and mounting hardware

Agency Listings

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

Physical and Environmental

Trove3AM3 - Dimensions (H x W x D):

- Enclosure:
36.12" x 30.12" x 7.06" (918mm x 768mm x 179mm)
- Shipping:
40.75" x 35.25" x 12.0" (1,035mm x 896mm x 305mm)

Trove3AM3 - Weights (approx.):

- Product: 80.0 lb. (36.29 kg)
- Shipping: 92.0 lb. (41.73 kg)

TAM3 - Dimensions (H x W x D):

- Backplane:
34.0" x 28.0" x 0.3125" (864mm x 711mm x 8mm)
- Shipping:
36.0" x 30.0" x 1.25" (915mm x 762mm x 32mm)

TAM3 - Weights (approx.):

- Product: 20.0 lb. (9.1 kg)
- Shipping: 25.0 lb. (11.74 kg)

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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

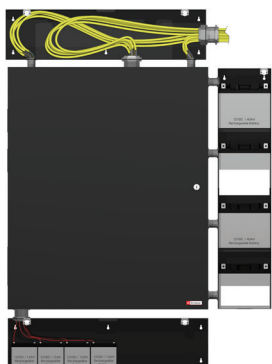
Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/ accessories in any metal enclosure or backplane.



BR1

BR1 - Sub-Assembly Mounting Bracket

Altronix BR1 mounting bracket is compatible with Altronix Maximal and Trove enclosures. It allows to mount one (1) PD4UL(CB), PD8UL(CB), ACM4(CB), MOM5, VR6, PDS8, NetWay5B or LINQ8PD(CB) sub-assembly on the enclosure's inside wall, saving valuable space.



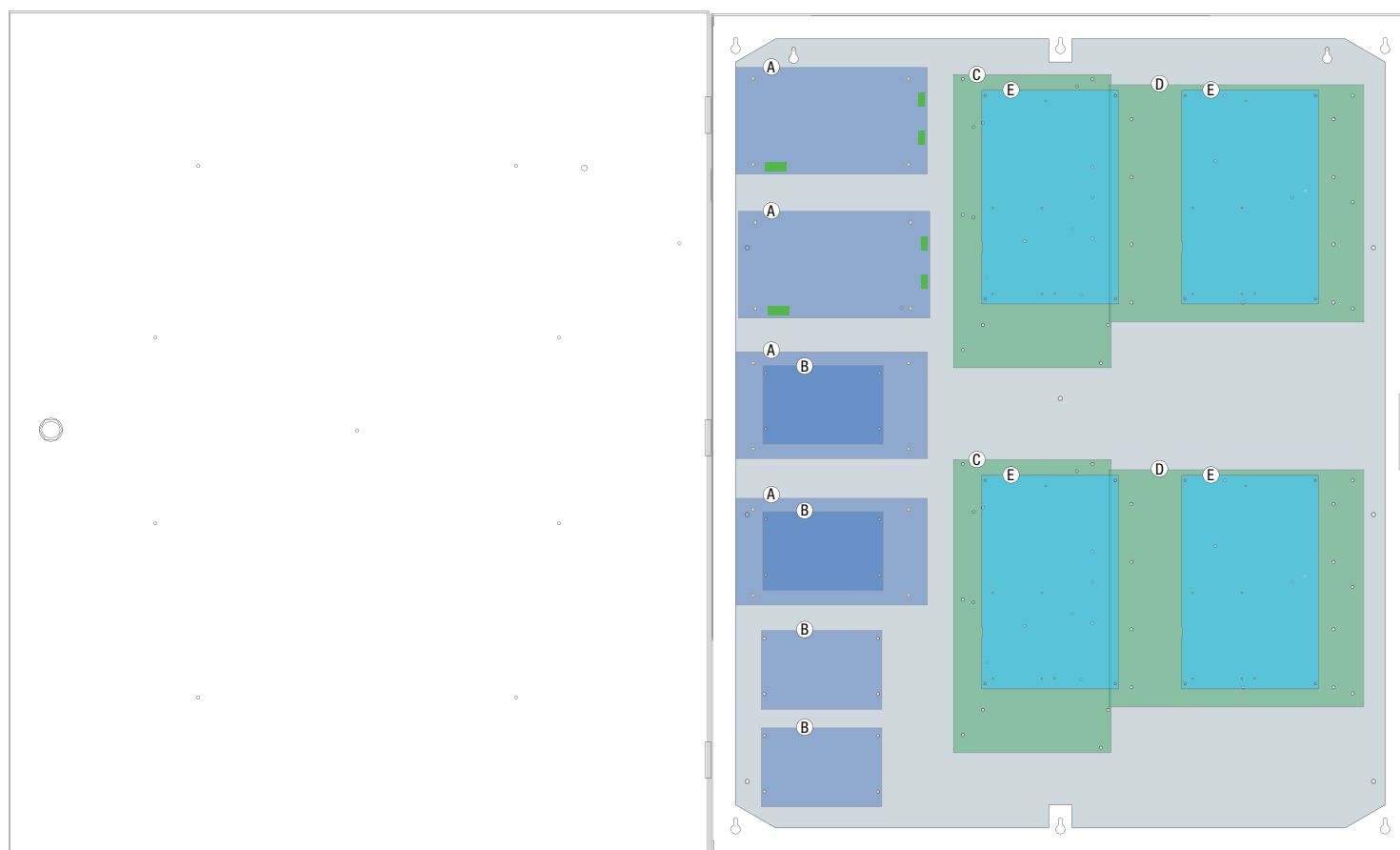
Typical battery/wiring setup with Trove3 Enclosure (not included)

TROVE3BWC / TROVE3SWC - Battery/Wire Trough Enclosure

Altronix Trove3BWC and Trove3SWC are dual-purpose enclosures that can be used as wiring troughs or battery cabinets when mounted above or below (Trove3BWC) or on either side (Trove3SWC) of the Trove integrated power and access solution. The knockouts on the Trove3BWC and Trove3SWC have been strategically placed to line up with the Trove3 allowing for easy conduit connections between cabinets. Trove3BWC and Trove3SWC include cam locks and 2 tamper switches each to ensure access to wiring and batteries is secure.

Access Controller Position Chart for the Following Models:

Altronix / AMAG M2150, M4000	Pem Mounting
AL400ULXB2, AL400ULXB2V, AL600ULXB, AL600XB220, AL1012ULXB, AL1012XB220, AL1024ULXB2, AL1024XB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV, Tango1B, ACM8, ACM8CB, ACMS8, ACMS8CB, ACMS12, ACMS12CB, LINQ8ACM, LINQ8ACMCB	(A)
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6	(B)
M2150-4DC or M2150-AC244	(C)
M2150-4DBC, M2150-4DC, or M2150-8DBC	(D)
M4000	(E)



Dimensions and Drawing

Dimensions (H x W x D approximate)

36.12" x 30.12" x 7.06" (917.5mm x 768.1mm x 179.3mm)

