

Trove3MBK3 (Enclosure & Backplane) / TM3B (Backplane)

Access & Power Integration Solution for Mercury



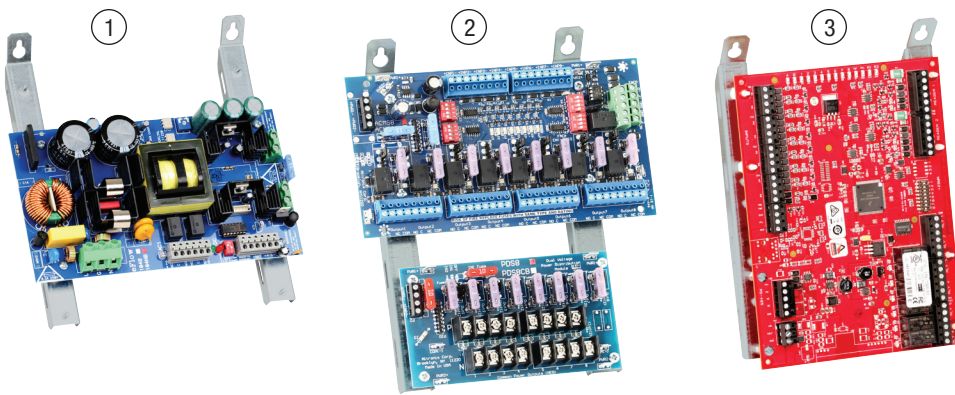
Altronix Trove3MBK3 lets you easily integrate Altronix power and sub-assemblies with Mercury* platform controllers for up to 24-doors with power or 36-doors without power. This unit includes 18-BR3M2PK unique mounting brackets offering system flexibility. Trove simplifies board layout and wire management, reduces installation time and labor costs.

***Also compatible with these authentic Mercury partners:**
 AccessNsite, Avigilon, BadgePass, BluBox, Feenics, Genetec, Identocard, IMRON, Johnson Controls, Kastle, Keri Systems, Lenel/S2, LockState, Maxxess, Midpoint Security, NLSS, Open Options, Panasonic Video Insight, Quintron, RS2, Schneider Electric, Vanderbilt



Trove3MBK3

Boards are not included



From left to right: 1 - BR3M2PK with eFlow104NB Power Supply/Charger, 2 - BR3M2PK with ACMS8 Dual Input/Output Access Power Controller, PDS8 Dual Input/Output Power Distribution Module, 3 - BR3M2PK with Mercury Controller

Trove3M3 (Trove3 Enclosure + TM3B Backplane) TM3B (Backplane) Features

- Accommodates the following Mercury access controllers with or without Altronix power/accessories:
 - Mercury: LP4502, LP1502, MR16IN, MR16OUT, MR52, MUX8.
 - Altronix Power Supplies
 - Altronix Sub-Assemblies
- Includes Altronix Trove3 Enclosure, one (1) removable TM3B backplane and thirty-six (36) BR3M mounting brackets

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)
- 16 AWG powder coated steel
- Includes cam lock, tamper switch, mounting brackets and hardware

Agency Listings

CE European Conformity

Physical and Environmental

Trove3MBK3 - Dimensions (H x W x D):

36.12" x 30.125" x 7.06" (917.5mm x 768.1mm x 179.3mm)

Trove3MBK3 - Weights:

Product: 90 lb. (40.8 kg)

Shipping: 102 lb. (46.3 kg)

TM3B - Dimensions (H x W x D):

34" x 28" x 0.3125" (863.6mm x 711.2mm x 8mm)

TM3B - Weights:

Product: 20 lb. (9.1 kg)

Shipping: 25 lb. (11.74 kg)

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Accessories (order separately)



WM5

WM5, WM25, WM100 - Magnetic Cable Tie Mounts

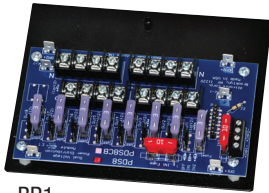
Altronix WM5, WM25, and WM100 are packs of 5, 25 or 100 magnetic cable tie mounts respectively. They accommodate standard zip ties or velcro straps. These are ideal for wire management in our Trove series.



Mounting Magnet

MM4, MM8, MM12, MM24 - Magnetic Mounting Solution

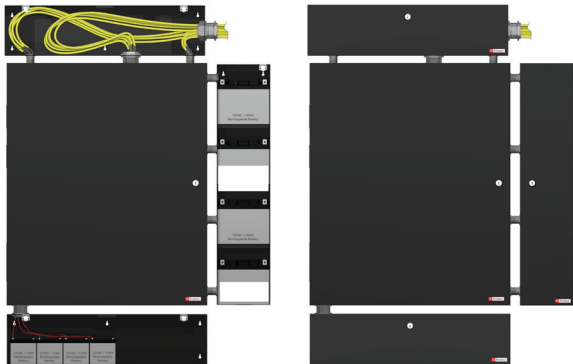
Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/ accessories in any metal enclosure or backplane.



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.



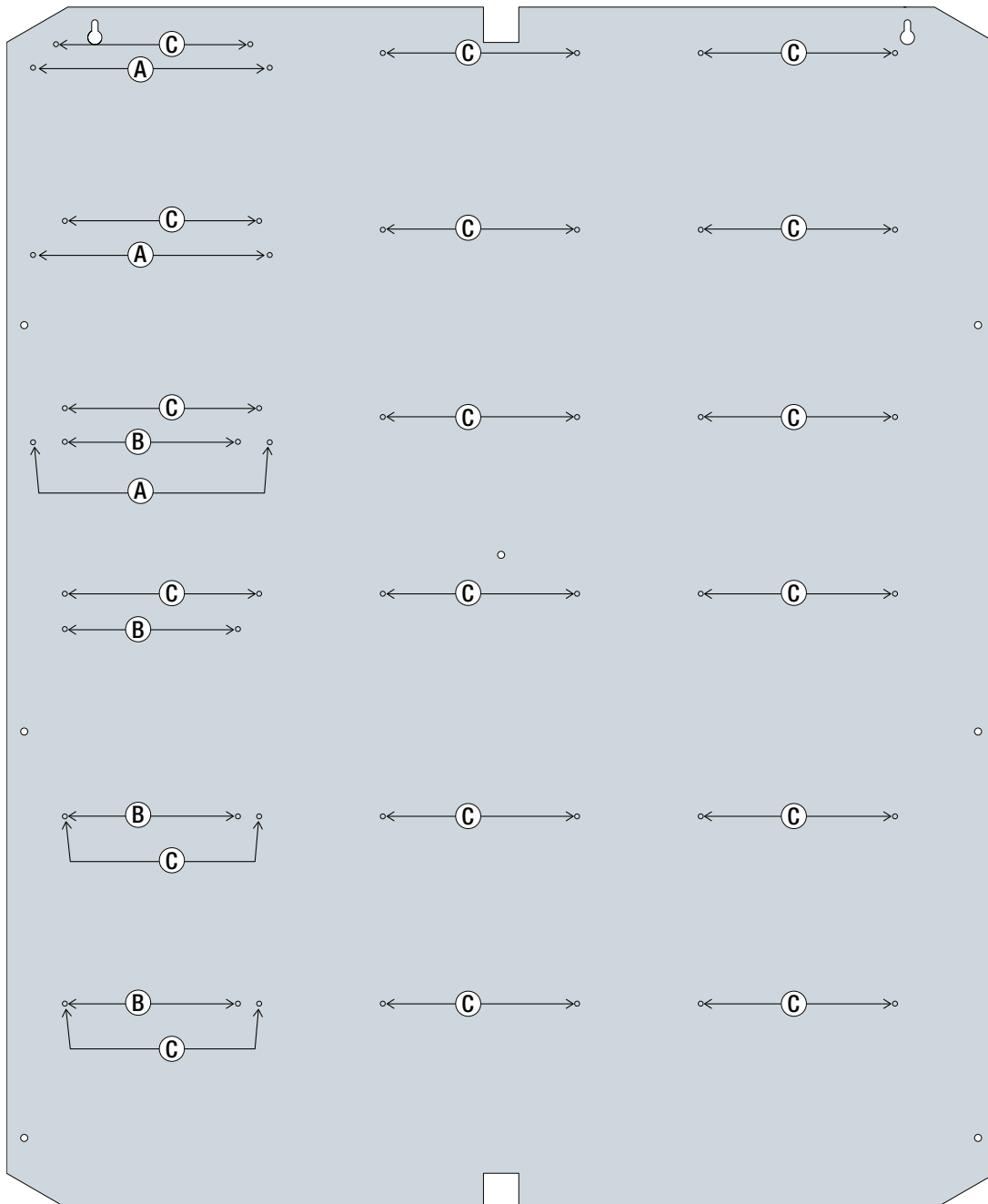
Typical battery/wiring setup with Trove3 Enclosure (not included)

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.

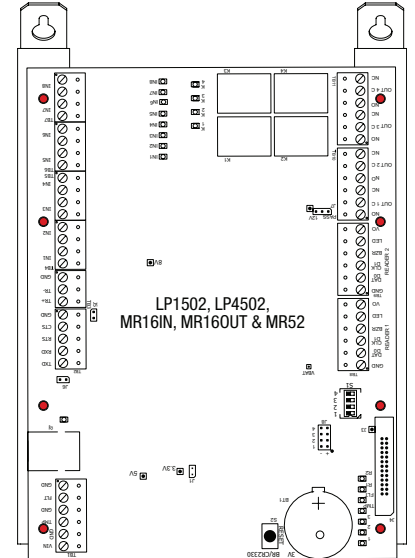
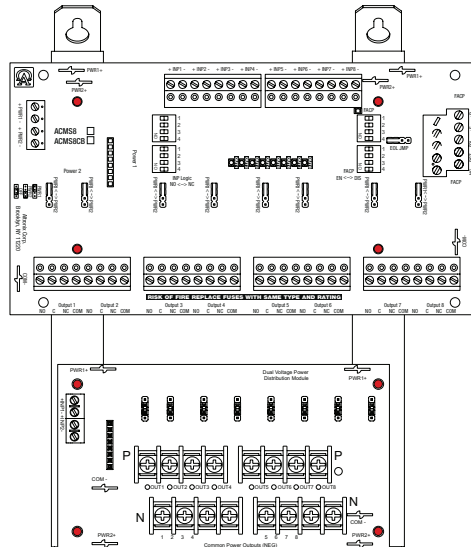
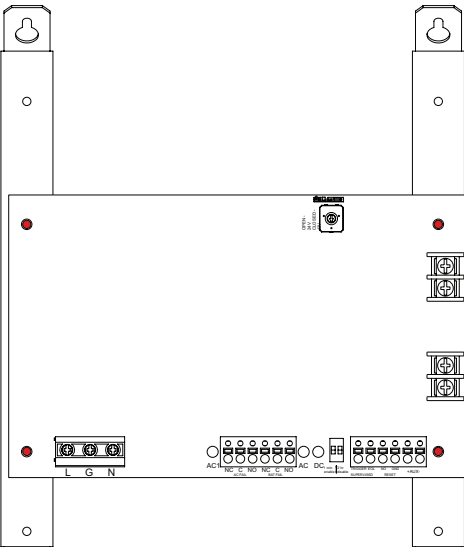
Trove3MBK3 Configuration of Altronix/ Mercury Platform Boards:

Altronix Power Supply/Sub-Assembly	Pem Mounting
eFlow4NB, eFlow6NB, eFlow102NB, eFlow104NB, AL400ULXB, AL600ULXB, AL1012ULXB, AL1024ULXB2	(A)
ACM4, ACM4CB, ACM8, ACM8CB, ACMS8, ACMS8CB, LINQ8ACM, LINQ8ACMCB, LINQ8PD, LINQ8PDCB, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB	(B)
Mercury Controller	Pem Mounting
LP4502, LP1502, MR16IN, MR16OUT, MR52, LP4502, LP2500, MUX8.	(C)



Altronix / Mercury Position Chart:

Pem Location	Mercury Board	Altronix Board
1	LP4502, LP1502, MR16IN, MR16OUT, MR52	ACM4(CB), ACM8(CB), ACMS8(CB), LINQ8ACM(CB), PD8UL(CB) PDS8(CB)
2	LP4502, LP1502, MR16IN, MR16OUT, MR52	eFlow4NB, eFlow6NB, eFlow102NB, eFlow104NB
3		ACM4(CB), ACM8(CB), ACMS8(CB), LINQ8ACM(CB), PD8UL(CB), PDS8(CB)
4	LP2500, MUX8	
5		ACM4(CB), LINQ8ACM(CB), PD8UL(CB) PDS8(CB)
6	LP4502, LP1502, LP2500, MR16IN, MR16OUT, MR52, MUX8	
7		eFlow4NB, eFlow6NB, eFlow102NB, eFlow104NB, AL400ULXB2, AL600ULXB, AL1012UXB, AL1024ULXB2
8	LP4502, LP1502, LP2500, MR16IN, MR16OUT, MR52, MUX8	ACM4(CB), LINQ8ACM(CB), PD8UL(CB) PDS8(CB)



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)

