

Trove3JC3 (Enclosure & Backplane) / TJC3 (Backplane)

Access and Power Integration Solution for Johnson Controls



Altronix Trove3JC3 consists of a high-capacity enclosure with removable backplane. This unit easily combines Altronix power/accessories with various combinations of Johnson Controls boards in a streamlined package. Trove simplifies board layout and wire management, reducing installation time and labor costs.



Trove3JC3

Boards are not included

Trove3JC3 (Trove3 Enclosure + TJC3 Backplane) TJC3 (Backplane) Features

- Accommodates the following Johnson Controls controllers with or without Altronix power/accessories:
 - CK721-A, CK722
 - MHUBX8 (inside case or board only)
 - RDR2SA, RDR8S, I32016, I804
- Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove3 enclosure and one (1) removable TJC3 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

Trove3JC3 - 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)

Trove3JC3 - Weights (approx.):

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

TJC3 - 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)

TJC3 - 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

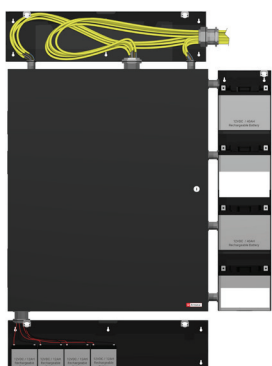
Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/ accessories in any metal enclosure or backplane.



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.



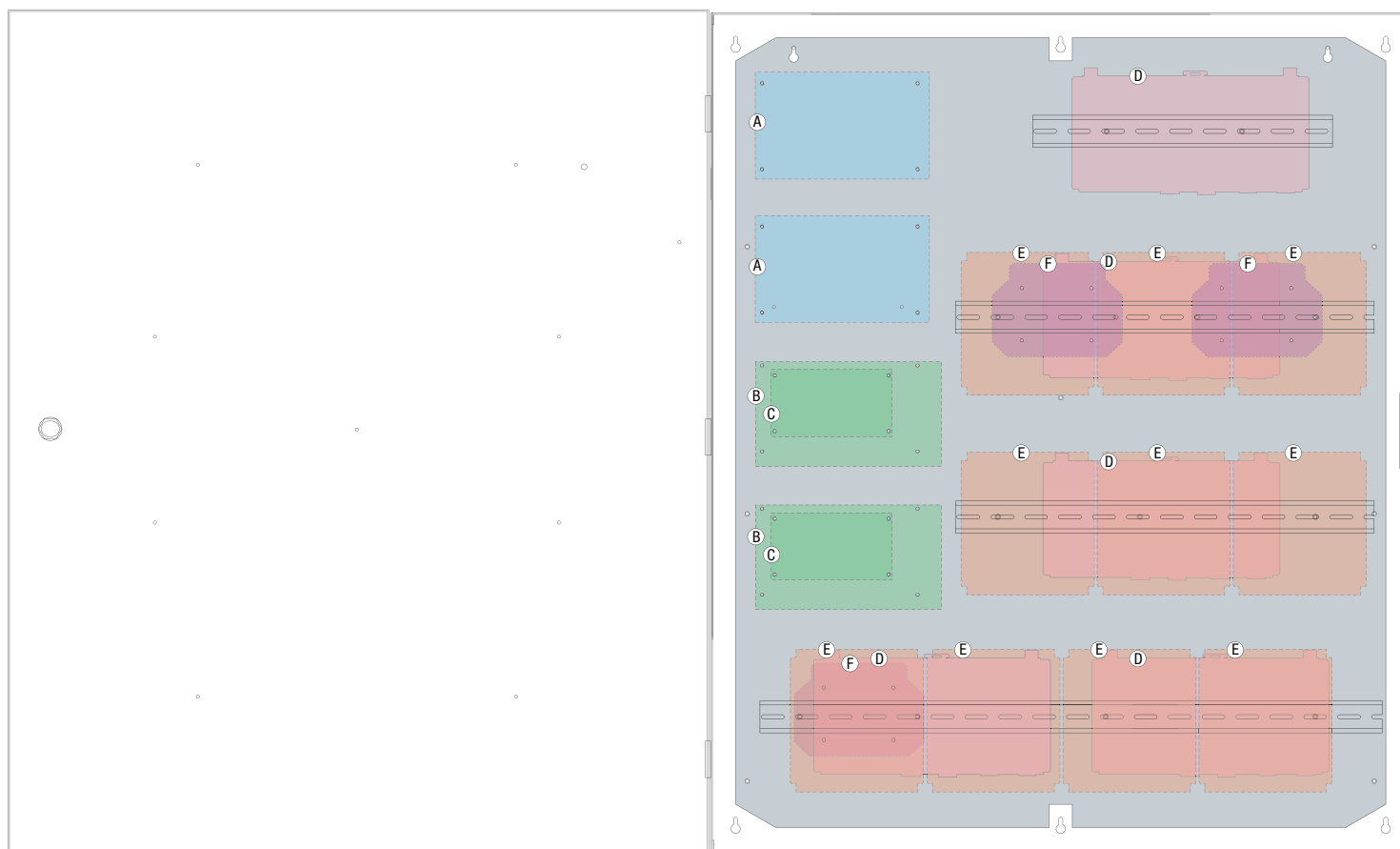
Typical battery/wiring setup with Trove3 Enclosure (not included)

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 / Mercury	Pem Mounting
AL400ULXB2, AL400ULXB2V, AL600ULXB, AL600ULXBV, AL1012ULXB, AL1012ULXBV, AL1024ULXB2, AL1024ULXB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV	(A)
ACM8, ACM8CB, ACMS8, ACMS8CB, LINQ8ACM, LINQ8ACMCB	(B)
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB	(C)
CK721-A, CK722	(D)
RDR2S, RDR8S, I32016, I804	(E)
MHUBX8 (inside case and board only)	(F)



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)

