Altronix®

Trove2AA2 (Enclosure & Backplane) / TAA2 (Backplane)
Access & Power Integration Solution for Azure

TR□VE™

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

AZURE
Access Technology™

Trove2AA2

Altronix / Azure boards are not included

Trove2AA2 (Trove2 Enclosure + TAA2 Backplane)

- Accommodates the following Azure controllers with or without Altronix power/accessories: one (1) IC4 or two (2) IC2 or six (6) RI2M
- Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove2 enclosure and one (1) removable TAA2 backplane for mounting Azure controllers

Features

- Simplifies board layout and wire management
- Convenient knockout configuration:
  - One (1) single knockout 2.415" (2" Conduit)
  - Sixteen (16) 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

TAA2 (Backplane) Features

Physical and Environmental

Trove2AA2 - Dimensions (H x W x D):
Enclosure: 27.25" x 21.5" x 6.5" (692mm x 546mm x 165mm)
Shipping: 32.5" x 26.5" x 11.125" (826mm x 673mm x 283mm)

Trove2AA2 - Weights (approx.):
Product: 37.1 lb. (16.83 kg)
Shipping: 40.85 lb. (18.53 kg)

TAA2 - Dimensions (H x W x D):
Backplane: 25.375" x 19.375" x 0.3125" (645mm x 492mm x 8mm)
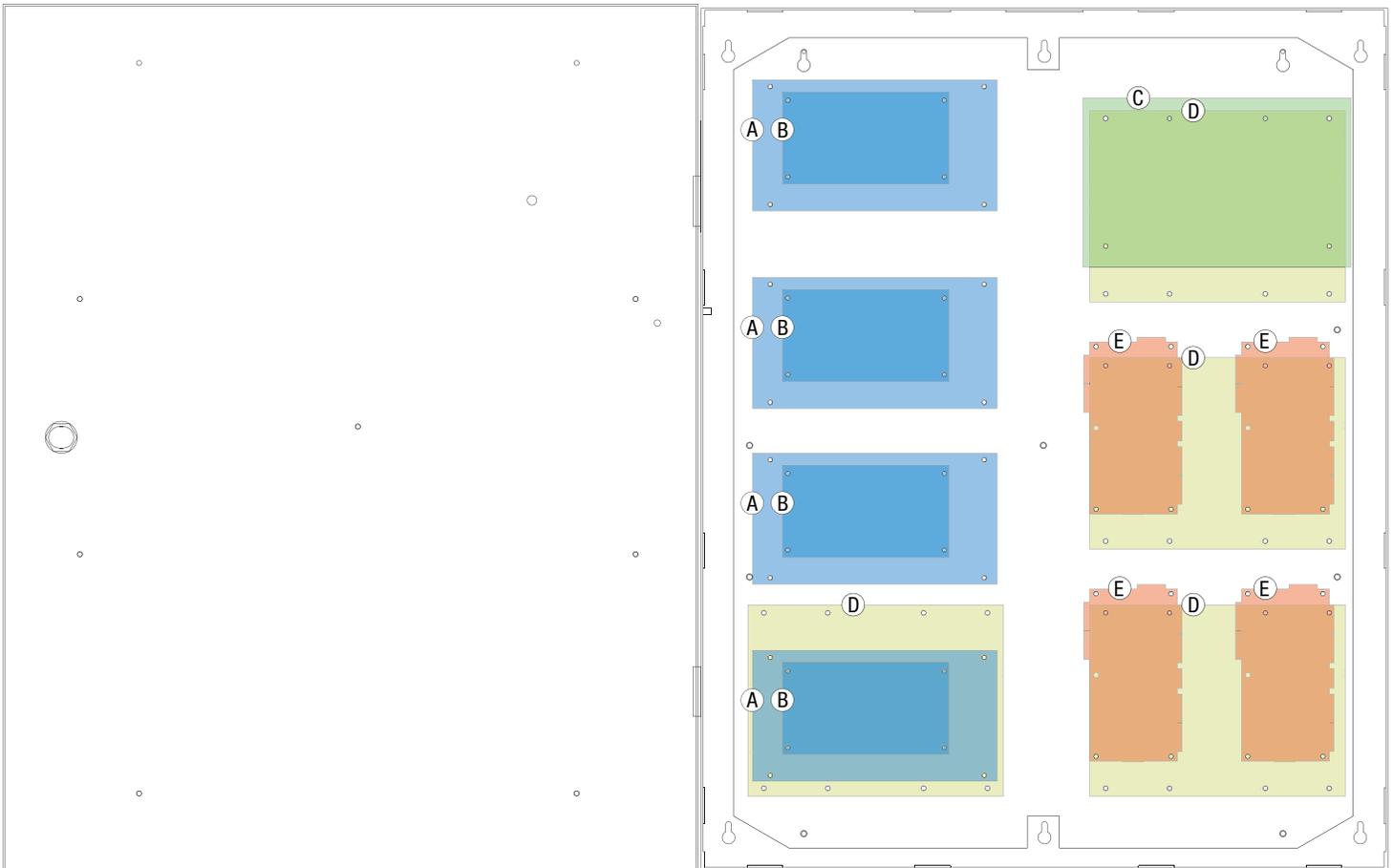Shipping: 26.5" x 20.5" x 1.25" (673mm x 521mm x 32mm)

TAA2 - Weights (approx.):
Product: 8.0 lb. (3.63 kg)
Shipping: 10.0 lb. (4.53 kg)

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TROVE

Access Controller Position Chart for the Following Models:

Altronix/Azure	Pem Mounting
AL400ULXB2, AL400ULXB2V, AL600ULXB, AL600XB220, AL1012ULXB, AL1012XB220, AL1024ULXB2, AL1024XB2V, eFlow4NB, eFlow4NBV, eFlow6NB, eFlow6NBV, eFlow102NB, eFlow102NBV, eFlow104NB, eFlow104NBV, POE60, POE201, POE240, POE360, Tango1B, ACM8, ACM8CB, ACMS8, ACMS8CB, ACMS12, ACMS12CB, LINQ8ACM, LINQ8ACMCB	Ⓐ
ACM4, ACM4CB, LINQ8PD, LINQ8PDCB, MOM5, NETWAY5A, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB, PDS16, PDS16CB, VR6, VR10	Ⓑ
IC4	Ⓒ
IC2	Ⓓ
RI2M	Ⓔ

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.

Trove2BWC
with
batteries

Trove2BWC
with
wires

TROVE2BWC - Battery/Wire Trough Enclosure
Altronix Trove2BWC is a dual-purpose enclosure that can be used as wiring trough or battery cabinet
when mounted above or below of the Trove2 integrated power and access solution. The knockouts on
the Trove2BWC have been strategically placed to line up with the Trove2 allowing for easy conduit
connections between cabinets. Trove2BWC includes cam locks and 2 tamper switches to ensure
access to wiring and batteries is secure.

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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)

21.50" (546.1mm)
2.00" (50.8mm)
5.25" (133.35mm)
3.5"(88.9mm)
3.5"(88.9mm)
5.25" (133.35mm)
2.00" (50.8mm)
1.25" (31.8mm)
0.685" (17.4mm)
0.5625" (14.3mm)
1.77" (45mm)
Knockouts
1.125" (28.3mm)
6.25" (158.8mm)
Ø 2.415" (61.3mm)
0.885" (22.5mm)
1.5" (38.1mm)
6.25" (158.8mm)
1.25" (31.8mm)
19.80" (502.9mm)
2.00" (50.8mm)
6.75" (171.5mm)
27" (685.8mm)
8.25" (209.5mm)
8.00" (203.2mm)
0.85" (21.6mm)
1.00" (25.4mm)
1.25" (31.8mm)
2.00" (50.8mm)
2.00" (50.8mm)
5.25" (133.4mm)
7.00" (177.8mm)
5.25" (133.4mm)
2.00" (50.8mm)
1.25" (31.8mm)