Altronix®

Trove2BH2 (Enclosure & Backplane) / TBH2 (Backplane)
Access & Power Integration Solution for Bosch

TROVE™

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

BOSCH

Trove2BH2

Altronix / Bosch boards are not included

Trove2BH2 (Trove2 Enclosure + TBH2 Backplane) TBH2 (Backplane) Features

- Accommodates the following Bosch controllers with or without Altronix accessories:
  - B520, B8512G, B9512G, B208, B299, B308, B426, B450, B600, B901. D125B, D129, D132A, D192G, D426, D450, D7412GV4, D8125MUX, D8128D, D8129, D8130, D9412GV4 & ICP-SDI-9114
  - Altronix PD16W or PD16WCB Sub-Assemblies
- Includes Altronix Trove2 enclosure and one (1) removable TBH2 backplane

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

Physical and Environmental
Trove2BH2 - 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)

Trove2BH2 - Weights (approx.):
Product: 37.1 lb. (16.83 kg)
Shipping: 40.85 lb. (18.53 kg)

TBH2 - Dimensions (H x W x D):
Backplane: 25.375" x 19.375" x 0.3125"D (645mm x 492mm x 8mm)
Shipping: 26.5" x 20.5" x 1.25" (673mm x 521mm x 32mm)

TBH2 - Weights (approx.):
Product: 8.0 lb. (3.63 kg)
Shipping: 10.0 lb. (4.53 kg)

Also Available (order separately)

TBHD2 Door Backplane Features

- Accommodates the following Altronix Sub-Assemblies and Bosch controllers:
  Altronix:
  - PD4UL, PD4ULCB, PD8UL, PD8ULCB, PD16W, PD16WCB, PDS8, PDS8CB, PDS16, PDS16CB
  Bosch:
  - B8512G, B9512G, B208, B299, B308, B426, B450, B600, B901. D125B, D129, D132A, D192G, D426, D450, D7412GV4, D8125MUX, D8128D, D8129, D8130, D9412GV4 & ICP-SDI-9114

Backplane Features:
- Simplifies board layout and wire management
- 16 Gauge galvanized steel

Physical and Environmental
Dimensions (H x W x D):
Backplane: 23.75" x 18.125" x 0.3125" (603mm x 460mm x 8mm)
Shipping: 26.5" x 20.5" x 1.25" (673mm x 521mm x 32mm)

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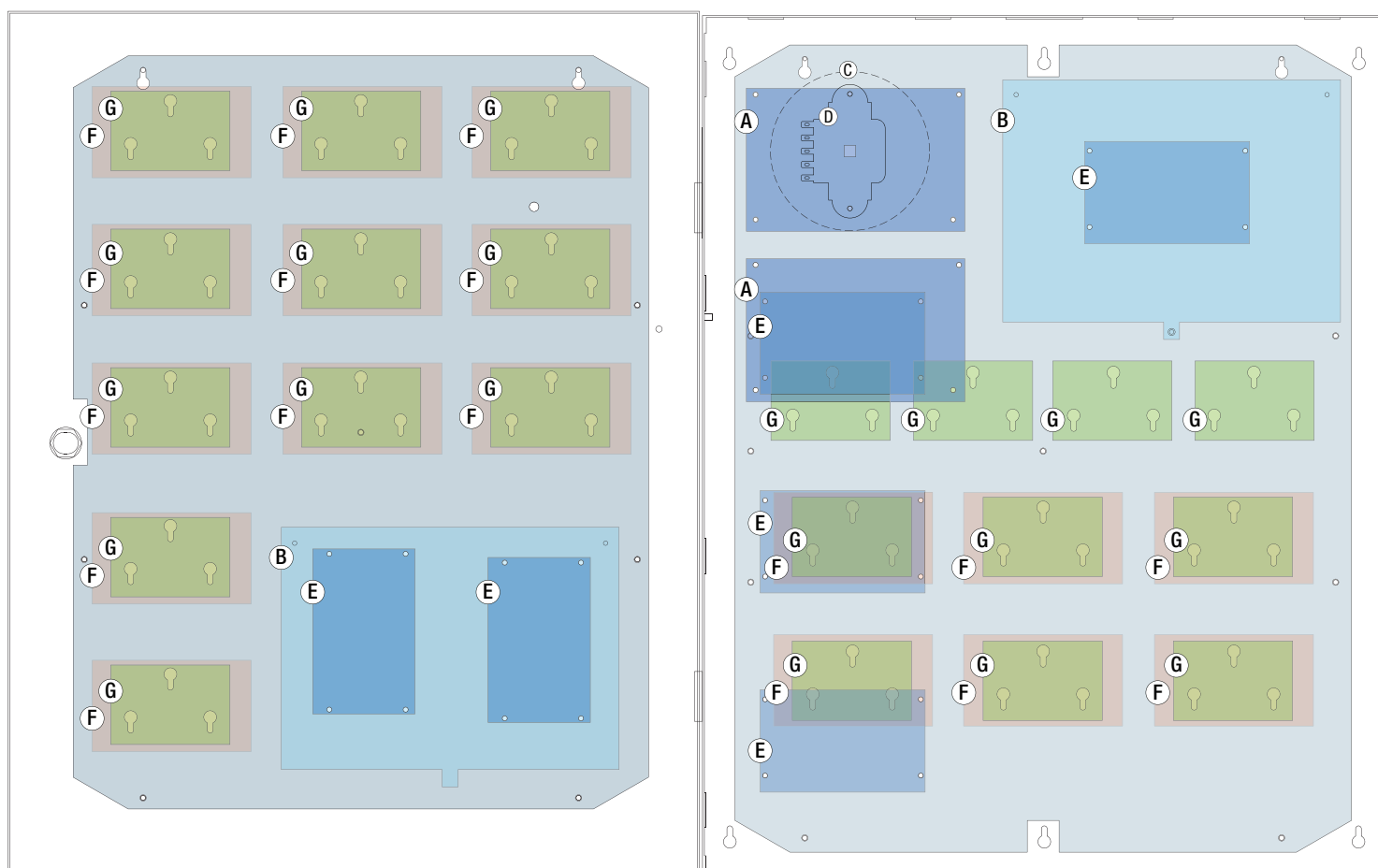Product: 8.0 lb. (3.63 kg)
Shipping: 10.0 lb. (4.53 kg)

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Access Controller Position Chart for the Following Models:

Altronix/Bosch	Pem Mounting
B520	A
B8512G, B9512G, D7412GV4, D9412GV4	B
T1618300	C
T16100	D
PD4UL, PD4ULCB, PD8UL, PD8ULCB, PD16W, PD16WCB, PDS8, PDS8CB, PDS16, PDS16CB	E
B299, B308, B426, B450, B901, D125B, D129, D192G, D8125MUX, D8128D, D8129, D8130, ICP-SDI-9114	F
B208, B600, D132A	G

TBHD2 Door Backplane (Order Separately)

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.

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)