

T1BV3F4S (Kit)-

Access and Power Integration Solution for Brivo

Altronix TRUVE

T1BV3F4S kit consists of Trove1 enclosure and TBV1 Brivo/Altronix backplane with 12VDC or 24VDC (factory set at 24VDC) @ 6A power supply/charger, 12VDC voltage regulator, and four (4) fuse protected output access control module. This kit also accommodates various combinations of Brivo boards for up to six (6) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



Brivo boards are not included

Key Features

- 12VDC or 24VDC power supply/charger
- Accommodates following Brivo boards:
 - One (1) ACS6000-MBE or
 - Up to five (5) ACS6100-DB or ACS6100-I/O
- Convenient knockout configuration:
 - One (1) double knockout
 - 1.948" (1-1/2" Conduit) / 1.701" (1-1/4" Conduit)
 - Nine (9) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Supervision
- AC Fail
- Low Battery and Battery Presence
- Low power shutdown

- Agency Listings:
 - All Altronix components of this Trove kit are UL Listed sub-assemblies. Please refer to the Sub-Assembly Installation Guides for further information
 - UL: UL294 Access Control System
 - cUL: CAN/ULC s319-05 Electronic Access Control Systems
 - CE European Conformity
- 16 AWG galvanized steel backplane simplifies board layout and wire management
- Enclosure accommodates up to two (2) 12VDC/7AH batteries
- Lifetime Warranty*

*Altronix Power Supply/Chargers and Sub-Assemblies only

Accessories (order separately)



LINQ2 - Network Supervision

Altronix LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN

- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Reports system diagnostics via Email



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.



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.



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Specifications —

Power Supply (eFlow6NB):

Input

Voltage 120VAC, 60Hz Input Fuse 5A/250V

Output

Voltage 24VDC
Current 6A continuous
Other Overvoltage protection
Filtered and regulated

Battery Charging

Capacity 12VDC/7AH (2 within enclosure)

40AH/65AH (requires separate enclosure)

Type Sealed lead acid or gel type Failover Upon AC loss, instantaneous

Batteries are sold separately

Supervision

AC Failure Form "C" contacts
Battery Form "C" contacts

Low DC Power Shutdown

Shuts down DC output terminals if battery voltage drops below 70-75% for 24V units (depending on the power supply).

Prevents deep battery discharge

Indicators (LED)

Input 120VAC is present

DC Output Powered

Battery Discharged or not connected

Voltage Regulator (VR6):

Input

Voltage 24VDC from eFlow6NB

Output

Voltage 12VDC
Current 6A continuous
Other Surge suppression

Indicators (LED)

Input 24VDC is present

Output Powered

Access Power Controller (ACM4):

Input

Voltage 24VDC from eFlow6NB

Input Fuse 10A/32V

Outputs

Voltage 24VDC

Four (4) independently controlled fused outputs: a) Fail-Safe and/or Fail-Secure power outputs Form "C" Relays rated 28VAC or VDC @ 2.5A

b) Auxiliary power outputs (unswitched)c) Any combination of the above

Output Fuses 3A/32V

Indicators (LED)

Red LEDs Outputs are triggered (relays energized)

Green LED FACP disconnect is triggered

T1BV3F4S Kit:

Agency Listings

All components of this Trove kit are UL Listed sub-assemblies. Please refer to the corresponding Sub-Assembly Installation Guides

for further information

CE European Conformity

Physical and Environmental

Dimensions (H x W x D)

Enclosure:

18" x 14.5" x 4.62" (457.2mm x 368.3mm x 118.0mm)

Shipping

21.75" x 18.25" x 5.75" (552.5mm x 463.6mm x 146.1mm)

Weight (approx.)

Product 16.23 lb. (7.36 kg) Shipping 20.23 lb. (9.07 kg)

Temperature

Operating 0°C to 49°C (32°F to 120°F)
Storage -20°C to 70°C (-4°F to 158°F)

Relative Humidity 85% +/- 5% BTU/Hr (approx.): 12VDC: 40 BTU/Hr.

24VDC: 77 BTU/Hr.



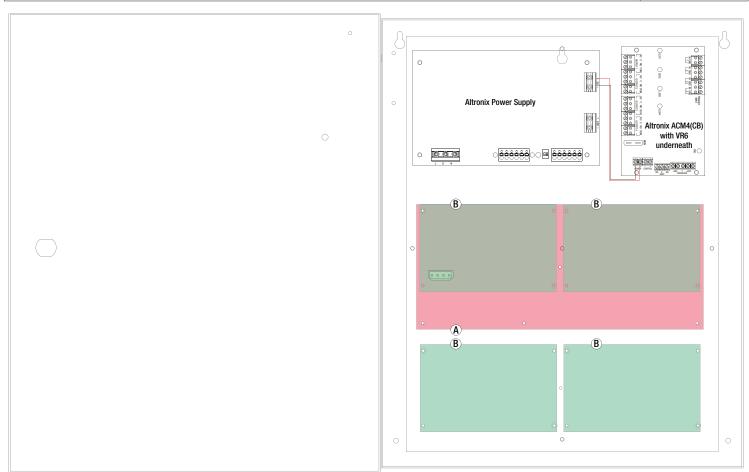
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Access Controller Position Chart for the Following Models:

Altronix / Brivo	Pem Mounting
ACS6000-MBE	A
ACS6100-DB, ACS6100-I/O	B





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Dimensions and Drawing -

Dimensions (H x W x D approximate)

18" x 14.5" x 4.62" (457.2mm x 368.3mm x 118.0mm)

