

TM400K3D (Kit)

Access & Power Integration Solution for Mercury

Altronix TM400K3D consists of TM400 enclosure with 12VDC or 24VDC (factory set at 24VDC) @ 3A power supply/charger and four (4) PTC protected output access control module. This kit also accommodates various combinations of Mercury* boards for up to two (2) doors in a single enclosure. 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



TROVE™



TM400K3D

Mercury boards are not included

Key Features

- 12VDC or 24VDC power supply/charger
- Accommodates the following Mercury controllers: MR50, LP1502, LP4502, MR52, MR16IN, MR16OUT
- Convenient knockout configuration:
 - Twelve (12) double knockouts
 - 1.125" (3/4" Conduit) / 1.375" (1" Conduit)
- 16 gauge black enclosure simplifies board layout and wire management
- Enclosure accommodates up to two (2) 12VDC/7AH batteries
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
- CE European Conformity
- Lifetime Warranty*

**Altronix Power Supply/Chargers and Sub-Assemblies only*

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.

Specifications**Power Supply (AL400ULXB2):****Input**

Voltage	115VAC, 60Hz, 3.5A
Input Fuse	5A/250V

Output

Voltage	12VDC or 24VDC selectable
Current	4A @ 12VDC or 3A @ 24VDC continuous max
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

Indicators (LED)

Input	115VAC is present
DC Output	Powered
Battery	Discharged or not connected

Access Power Controller (ACM4CB):**Input**

Voltage	24VDC from AL400ULXB2
Input PTC	9A

Outputs

Voltage	24VDC
Four (4) independently controlled PTC 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 PTCs	2.5A
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Indicators (LED)

Red LEDs	Outputs are triggered (relays energized)
Green LED	FACP disconnect is triggered

TM400K3D Kit:**Agency Listings**

CE	European Conformity
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Physical and Environmental**Dimensions (H x W x D)**

Enclosure:	15.5" x 12.23" x 4.5" (393.7mm x 310.6mm x 114.3mm)
Shipping:	16.5" x 13.5" x 6" (419.1mm x 342.9mm x 152.5mm)

Weight (approx.)

Product	8.55 lb. (3.88 kg)
Shipping	9.8 lb. (4.45 kg)

Temperature

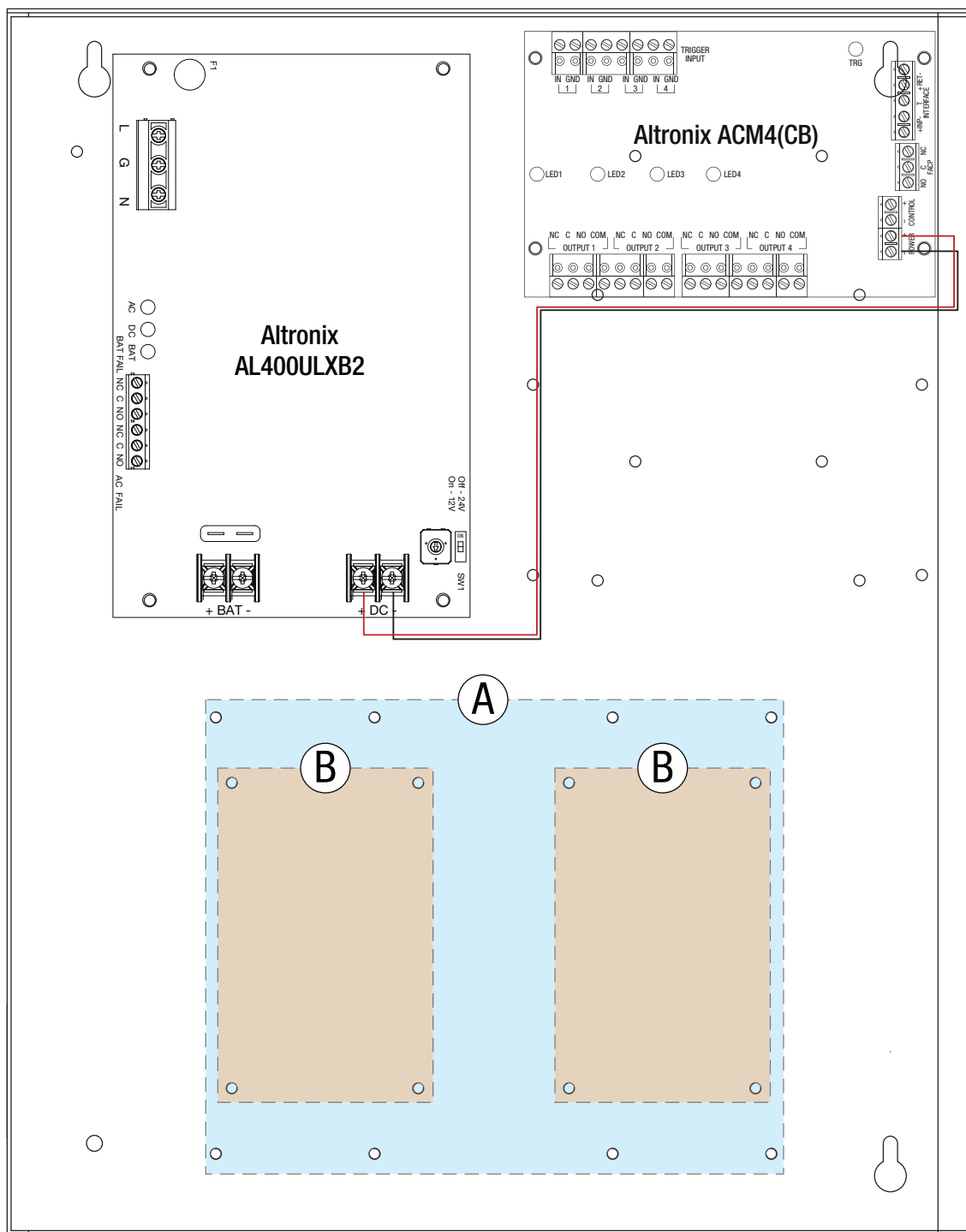
Operating	0°C to 49°C (32°F to 120°F)
Storage	-20°C to 70°C (-4°F to 158°F)

Relative Humidity	20 to 85%, non-condensing
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BTU/Hr (approx.):	90 BTU/Hr.
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Access Controller Position Chart for the Following Models:

Mercury	Pem Mounting
MR50	(A)
LP1502, LP4502, MR52, MR16IN, MR16OUT	(B)



Dimensions and Drawing

Dimensions (H x W x D approximate)

15.5" x 12.23" x 4.5" (393.7mm x 310.6mm x 114.3mm)

