Description

Altronix T3MK75F16D kit consists of Trove3 enclosure and TM3 Mercury/LenelS2 backplane with 24VDC @ 10A and 12VDC @ 10A power supply/chargers, eight (8) PTC protected output power distribution module and two eight (8) PTC protected output access control modules. This kit also accommodates various combinations of Mercury/LenelS2* boards for up to sixteen (16) 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, Identicard, IMRON, Johnson Controls, Kastle, Keri Systems, LockState, Maxxess, Midpoint Security, NLSS, Open Options, Panasonic Video Insight, Quintron, RS2, Schneider Electric, Vanderbilt

Key Features

- Accommodates the following Mercury/LenelS2 controllers: - AC input and DC output LED indicators. Mercury: LP1501, LP1502, LP2500, LP4502, MR16IN, MR160UT, Supervision MR50, MR52, MR62e, MUX8. - AC Fail LenelS2: LNL-(X)2210, LNL-(X)2220, LNL-(X)3300, LNL-(X)4420, - Low Battery and Battery Presence LNL-1100, LNL-1200, LNL-1320, LNL-1300, LNL-1324e, LNL-8000 - Low power shutdown. - Convenient knockout configuration: - Built-in charger for sealed lead acid or gel type batteries. - One (1) single knockout 2.415" (2" Conduit). Agency Listings: - One (1) double knockout - UL: UL294 - Access Control System. 1.948" (1.5" Conduit) / 1.701" (1.25" Conduit). - cUL: CAN/ULC - s319-05 - Electronic Access Control Systems.
 - Sixteen (16) double knockouts
 1.362" (1" Conduit) / 1.115" (3/4" Conduit).
- 16 AWG galvanized steel backplane simplifies board layout and wire management.

*Altronix Power Supply/Chargers and Sub-Assemblies only

Accessories (order separately)

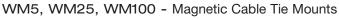
LINQ2 - Network Supervision

Altronix LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN - Remotely reports accurate power diagnostics

- CE European Conformity.

Lifetime Warranty*/Made in the U.S.A.

- Controls power and resets devices
- controls power and resets devices
- Reports system diagnostics via Email



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.



LINQ2

WM5

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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Enclosure accommodates up to four (4) 12VDC/12AH batteries.









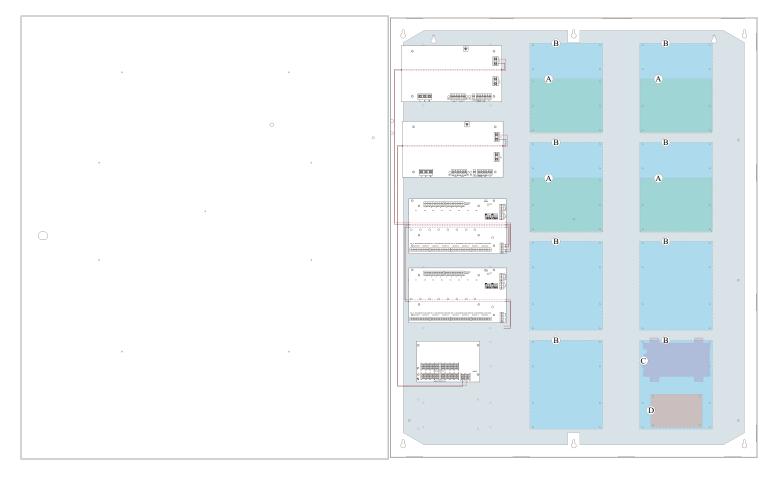
Specifications -Power Supply 1 (eFlow104NB): Two (2) Access Power Controllers (ACM8CB): Input Input Voltage 24VDC from eFlow104NB. Voltage 120VAC, 60Hz, 4.5A max. Input Fuse 10A/250V. Input Fuse 6.3A/250V. Outputs Output Class 2 power-limited auto-resettable outputs. Voltage 24VDC @ 10A. 24VDC. Voltage Auxiliary 1A (unswitched). Eight (8) 24VDC independently controlled PTC outputs: Overvoltage protection. Filtered and regulated. Protection a) Fail-Safe and/or Fail-Secure power outputs. Form "C" Relays rated 28VAC or VDC @ 2.5A. Power Supply 2 (eFlow102NB): b) Any combination of the above. Input Output PTCs 2.5A. Voltage 120VAC, 60Hz, 3.5A max. Indicators (LED) Input Fuse 5A/250V. Red LEDs Outputs are triggered (relays energized). Green LED FACP disconnect is triggered. Output 12VDC @ 10A. Voltage **Power Distribution Module (PD8ULCB):** Auxiliary 1A (unswitched). Input Protection Overvoltage protection. Filtered and regulated. 12VDC from eFlow102NB. Voltage Outputs **Both Power Supplies:** Class 2 power-limited auto-resettable outputs. Battery Backup Voltage 12VDC. Sealed lead acid or gel type. Type PTCs 2.5A. Fuse Rating 15A/32VDC. Indicators (LED) Failover Upon AC loss, instantaneous, Green LED DC Output. Fire Alarm Disconnect Supervised Latching or non-latching. T3MK75F16D Kit: EOL 10K Resistor. Agency Listings Supervision AC Failure Form "C" contacts. All components of this Trove kit are UL Listed sub-assemblies. Please refer to the corresponding Sub-Assembly Installation Guides for Form "C" contacts. Batterv further information. Low DC Power Shutdown CE European Conformity. Shuts down DC output terminals if battery voltage drops below **Physical and Environmental:** 71-73% for 12V units and 70-75% for 24V units (depending on the Dimensions (H x W x D) power supply). Prevents deep battery discharge. 36.12" x 30.125" x 7.06" (917.5mm x 768.1mm x 179.3mm). Indicators (LED) Weight (approx.) AC Input 120VAC is present. Product 84.2 lb. (38.2 kg). DC Output Powered. Shipping 97.5 lb. (44.22 kg). Battery Discharged or not connected. Temperature 0°C to 49°C (32°F to 120°F). Operating -20°C to 70°C (-4°F to 158°F). Storage Relative Humidity 85% +/-5%. BTU/Hr. (approx.): 217 BTU/Hr.





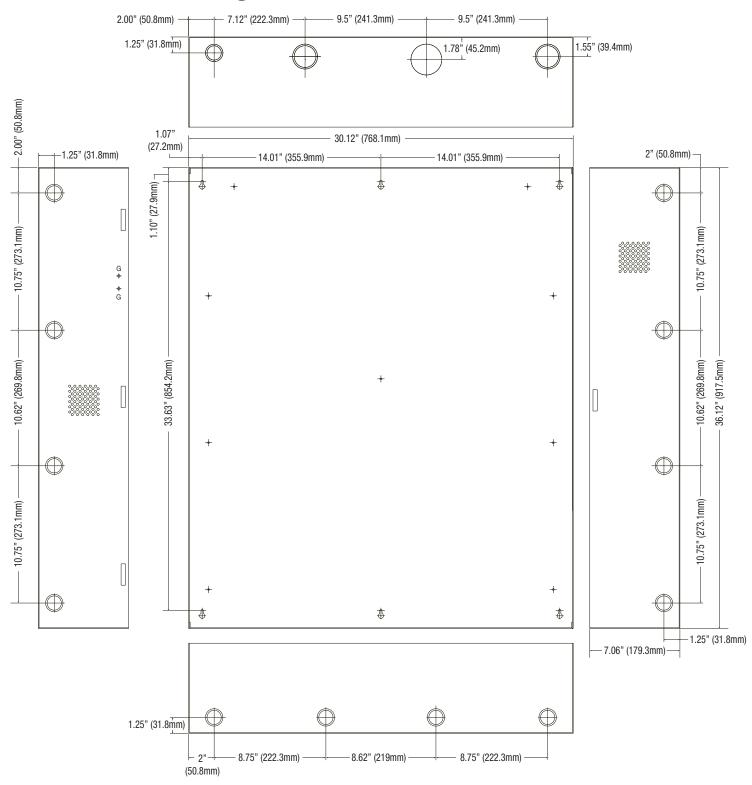
Access Controller Position Chart for the Following Models:

Mercury	LenelS2	Pem Mounting
LP2500, MUX8	LNL-(X)3300, LNL-8000	A
LP1502, LP4502, MR52, MR16IN, MR16OUT	LNL-(X)2220, LNL-(X)4420, LNL-1100, LNL-1200, LNL-1320	B
LP1501, MR62e	LNL-(X)2210, LNL-1324e	©
MR50	LNL-1300	D





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