

TLM400K1D (Kit)

Access & Power Integration Solution for LiftMaster

Altronix TLM400K1D consists of TM400 enclosure with 12VDC or 24VDC (factory set at 24VDC) @ 4A power supply/charger and four (4) PTC protected output access control module and 5-Port PoE Hardened Switch. This kit also accommodates LiftMaster Smart Access 2-Door Controller (CAP2D) modules for up to four (4) doors in a single enclosure. One (1) LMBK2 mounting bracket for LiftMaster CAP2D is factory installed. Trove simplifies board layout and wire management, reduces installation time and labor costs.

LiftMaster

POWERED BY myQ

TROVE



TLM400K1D

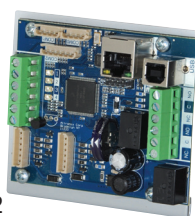
LiftMaster boards are not included

Key Features

- 12VDC or 24VDC power supply/charger
- Accommodates up to two (2) LiftMaster Smart Access 2-Door Controller (CAP2D)
- Convenient knockout configuration:
 - Twelve (12) double knockouts
 - 1.125" (3/4" Conduit) / 1.375" (1" Conduit)
- 16 AWG galvanized steel backplane simplifies board layout and wire management
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
 - Low power shutdown
- CE European Conformity
- Lifetime Warranty*

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

Accessories (order separately)



LINQ2

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

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 (eFlow4NTB):****Input**

Voltage	120VAC, 60Hz, 3.5A
Input Fuse	5A/250V

Output

Voltage	24VDC
Current	4A continuous
Other	Overvoltage protection Filtered and regulated

Battery Charging

Capacity	Up to 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

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

Voltage	24VDC from eFlow4NTB
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

PoE+ Hardened Switch (NetWay5P):**Input Power**

12 or 24VDC from eFlow4NTB

Power Output

Maximum Power	Four (4) 10/100/1000 Mbps PoE/PoE+ (rated up to 30W) ports 60W (at 12VDC) or 120W (at 24VDC) total power Integral surge protection
Uplink Port	Single data port

Ethernet Ports

Five (5) 10/100/1000 Mbps ports
Connectivity: RJ45, auto-crossover
Wire type: 4-pair CAT5e or higher structured cable
Distance: up to 100m
Speed: 10/100/1000 Mbps, half/full duplex, auto negotiation

Indicators (LED)

Individual PoE On LEDs for each port
Individual IP Link status, 10/100Base-T/active LEDs for each port

TLM400K1D Kit:**Agency Listings**

CE European Conformity

Physical and Environmental**Dimensions (H x W x D)**

Enclosure:
15.5" x 12" x 4.5" (393.7mm x 304.8mm 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

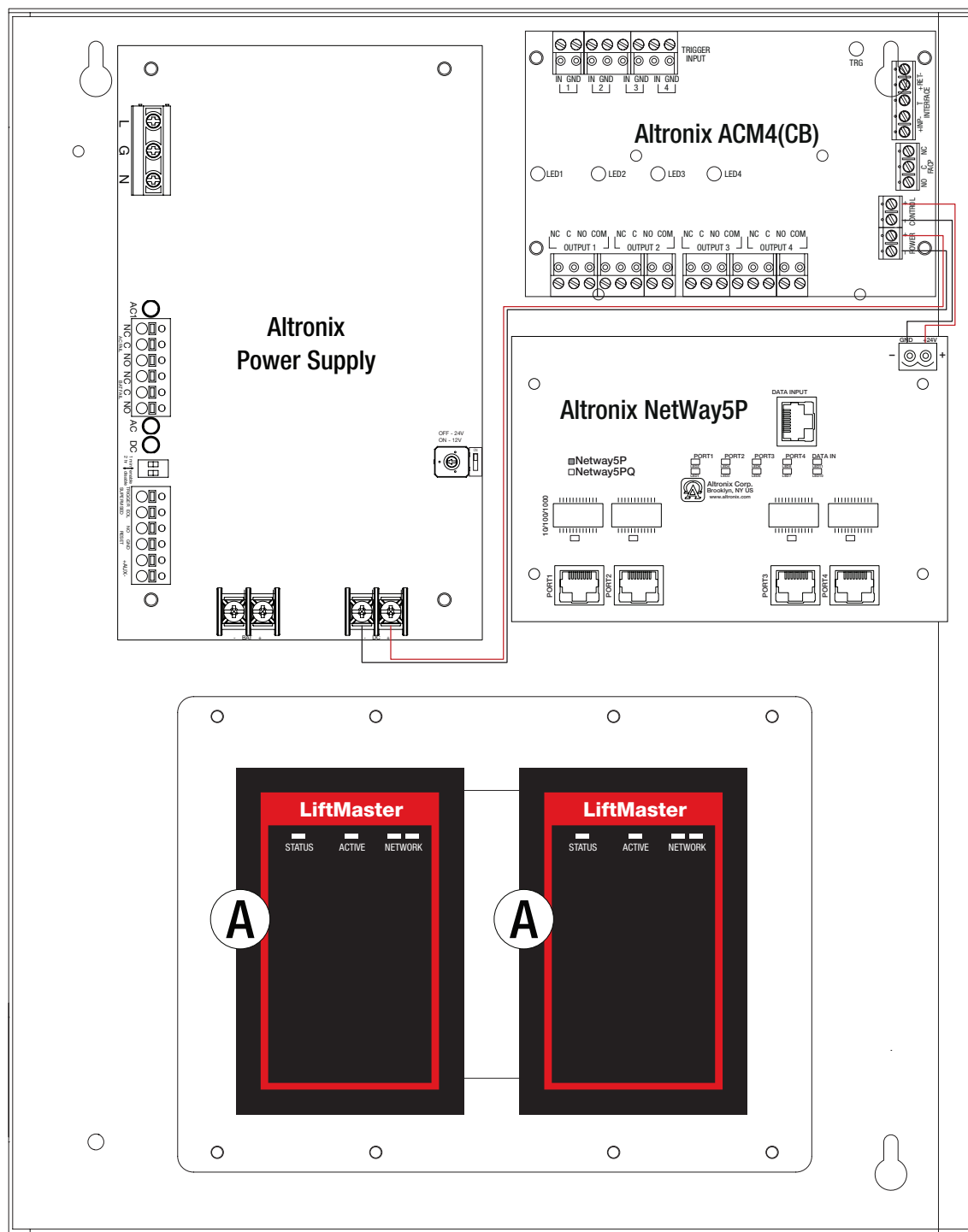
Operating	0°C to 49°C (32°F to 120°F)
Storage	- 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr (approx.): 90 BTU/Hr.

Access Controller Position Chart for the Following Models:

LiftMaster	Pem Mounting
LiftMaster Smart Access 2-Door Controller (CAP2D)	(A)



Dimensions and Drawing

Dimensions (H x W x D approximate)

15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)

