

T1M1LCK1Q (Pre-wired Kit)

Access and Power Integration Solution for Mercury



Altronix T1M1LCK1Q is a 4-door access and power integration kit which includes Altronix power and sub-assemblies along with factory installed wire management and wire assemblies that are pre-configured with terminal blocks for Mercury* hardware. This unit provides ample power and dual voltage outputs to support Mercury platform controllers and locking devices. The T1M1LCK1Q accommodates one (1) Intelligent Dual Reader Controller and one (1) Dual Reader Interface Modules. Trove Plus simplifies field installations and provides reliable, robust critical power and control for the most demanding applications.



T1M1LCK1Q - includes AL400ULXB2, VR6, LINQ8PD, wire harnesses and wire magnets

***Also compatible with these authentic Mercury partners:**
 AccessNsite, Avigilon, BadgePass, BluBox, Feenics, Genetec, Identocard, IMRON, Johnson Controls, Kastle, Keri Systems, LockState, Maxxess, Midpoint Security, NLSS, Open Options, Panasonic i-PRO MonitorCast, Quintron, RS2, S2 Security, Schneider Electric, Vanderbilt



Mercury modules are not included

Key Features

- Accommodates the following Mercury controllers:
 - 1 - LP1502 / LP4502 and 1 - MR52
- Convenient knockout configuration:
 - One (1) knockout - 1-1/2" Conduit
 - Nine (9) double knockouts - 3/4" Conduit and 1" Conduit
- Unit includes:
 - Removable backplane
 - Wire management
 - Custom wire assemblies for power distribution with terminal blocks for controller connections
- Supervision
 - AC Fail
 - Battery Fail and Battery Presence
- 16 gauge galvanized steel backplane simplifies board layout and wire management
- Enclosure accommodates up to two (2) 12VDC/7AH batteries
- 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 max
 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 7AH/12VDC (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

Voltage Regulator (VR6):

Input

Voltage 24VDC from AL400ULXB2

Output

Voltage 12VDC
 Current 6A continuous
 Other Surge suppression

Indicators (LED)

Input 24VDC is present
 Output Powered

Network Power Distribution Module (LINQ8PD):

Input

Voltage 12VDC from VR6 and
 24VDC from AL400ULXB2

Input Fuses 15A/32V

Outputs

Any of the eight (8) fuse protected power outputs are selectable to follow power Input 1 or Input 2

Individual outputs may be set to OFF position for servicing

Output Fuses: 3A/32V

Status Monitoring

Power Supply output voltage and load, Voltage and load of each output
 FACP trigger and reset status, Unit temperature (Celsius)
 Power Supply AC and Battery status, Battery health

Reporting:

Windows Dashboard Alert messages
 E-mail notifications, Event Log tracks history

Indicators (LED)

Bat Local Charging current status
 FACP Triggered / Released
 Input Input signal
 Out1 - Out8 Output status

T1M1LCK1Q Kit:

Agency Listings

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.)

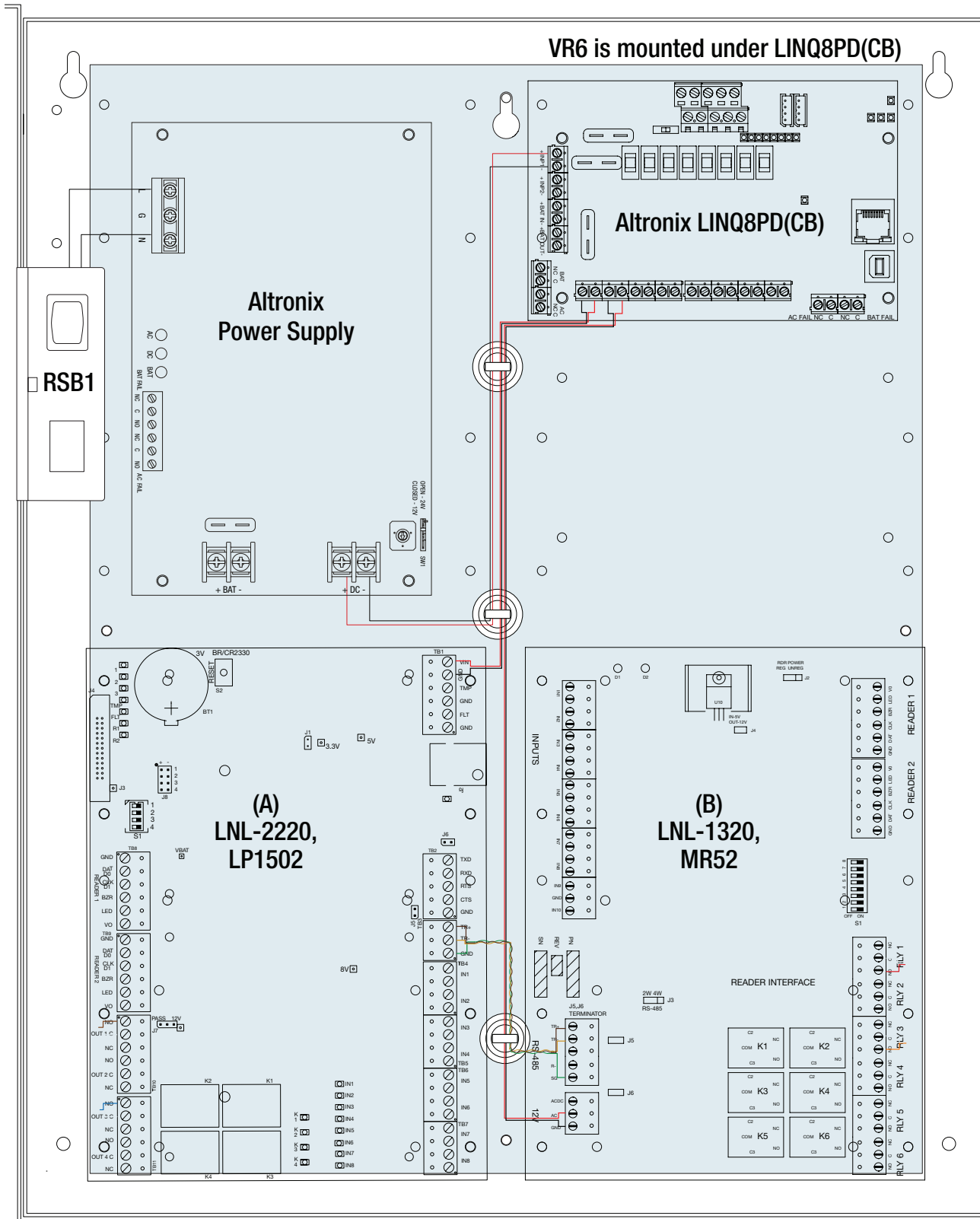
Product 18.0 lb. (8.17 kg)
 Shipping 22.0 lb. (9.98 kg)

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.



Dimensions and Drawing

Dimensions (H x W x D approximate)
 18.0" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.5mm)

