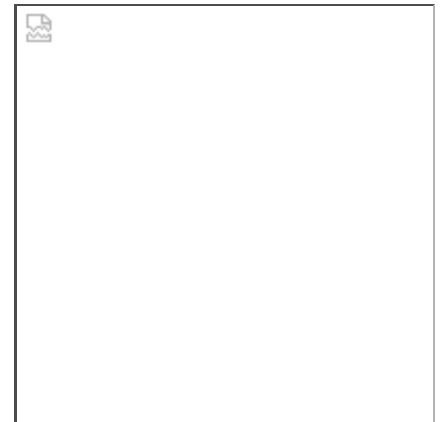


T3M77LCK3

16-Door Altronix/Mercury Access and Power Integration Kit - Trove3M3 with (2) AL1024ULXB2, (2) ACMS8, (2) PDS8, (2) VR6, RSB2



Altronix T3M77LCK3 is a 16-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 T3M77LCK3 accommodates eight (8) Dual Reader Interface Modules. Trove Plus simplifies field installations and provides reliable, robust critical power and control for the most demanding applications.

*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 i-PRO MonitorCast, Quintron, RS2, S2 Security, Schneider Electric, Vanderbilt

Specifications

Agency Listings

Two (2) AL1024ULXB2 Power Supply/ Chargers

CE Compliant

Input

- Voltage: 115VAC, 60Hz, 4.2A max.
- Main Fuse: 5A / 250V.

Output

Accessories

- Voltage: 24VDC.
- Current: 10A @ 24VDC continuous max.
- Other: Overvoltage protection. Filtered and regulated.

Battery Charging

- Capacity: 12AH /12VDC (2 within enclosure), 40 AH / 65 AH (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.

Two (2) VR6 Voltage Regulators

Input

- Voltage: 24VDC from AL1024ULXB2.

Output

- Voltage: 12VDC.
- Current: 6A continuous.
- Other: Surge suppression.

Indicators LED

- Input: 24VDC is present.
- Output: Powered.

Two (2) ACMS8 Dual Input Access Power Controllers

Input

- Voltage: 24VDC from AL1024ULXB2.
- Input Fuse: 10A / 250V.

Outputs

- Voltage: 24VDC.
- Eight (8) 24VDC independently controlled fused outputs:
 - a) Fail-Safe and/or Fail-Secure power outputs.
 - Form "C" Relays rated 28VAC or VDC @ 2.5A.

Name	Description
MM12	Mounting Magnets, Twelve (12) Quantity per Pack
MM24	Mounting Magnets, Twenty Four (24) Quantity per Pack
MM4	Mounting Magnets, Four (4) Quantity per Pack
MM8	Mounting Magnets, Eight (8) Quantity per Pack
WM100	Magnetic Cable Tie Mounts
WM25	Magnetic Cable Tie Mounts
WM5	Magnetic Cable Tie Mounts

Dimensions & Weight

Enclosure:

Wall mount enclosure for indoor use.

Accommodates up to four (4) 12VDC/12AH Batteries.

Dimensions 30.12"W x 36.12"H x 7.06"D (768.1 mm W x 917.5 mm H x 179.3 mm D).

3/4" and 1" combination knockouts.

Weights (approximate):

Product Weight: 85.6 Lbs. (38.83 kg).

Shipping Weight: 98.8 Lbs. (44.82 kg).

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

Outputs Ratings

- Fuses: 3.5A/250V.

Indicators (LED's)

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

Two (2) PDS8 Dual Input Power

Distribution Modules

Input

- Voltage: 12VDC from VR6 and 24VDC from AL1024ULXB2.
- Input Fuse: 10A / 32V.

Outputs

- Voltage: 12VDC and/or 24VDC.
- Any of the eight (8) power outputs are selectable to follow power Input 1 or Input 2.
- Individual outputs may be set to OFF position for servicing.

Outputs Ratings

- Fuses: 3A/32V.

Indicators (LED's)

- DC Output: Eight (8) individual output LEDs.
- Green: 12VDC.
- Red: 24VDC.

Environmental

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

- Relative Humidity: 85% +/- 5%.

BTU/Hr. (approx.):

- 289 BTU/Hr.