

T2KK38D (Kit)

Access & Power Integration Solution for Keyscan



Altronix T2KK38D kit consists of Trove2 enclosure, TKA2 Keyscan/Altronix backplane with one (1) 24VDC @ 6A power supply/charger, one (1) PTC access power controller, and one (1) 16VAC transformer. This kit also accommodates various combinations of Keyscan boards for up to eight (8) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T2KK38D

Keyscan modules are not included

Key Features

- 24VDC power supply/charger
- Accommodates the following Keyscan controllers: either CA250B, CA4500B or CA8500B, up to two (2) OCB8, and one (1) of each DPS15 and CIM
- Convenient knockout configuration:
 - One (1) single knockout 2.415" (2" Conduit)
 - Sixteen (16) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Supervision
 - AC Fail
 - Battery Fail and Battery Presence
- Agency Listings:
 - CE European Conformity
- 16 AWG galvanized steel backplane simplifies board layout and wire management
- Enclosure accommodates up to four (4) 12VDC/12AH batteries
- Lifetime Warranty*

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

Specifications

Power Supply/Charger (AL600ULXB):

Input

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

Output

Voltage 12VDC or 24VDC selectable
 Current 6A @ 12VDC or 24VDC continuous max.
 Other Overvoltage protection
 Filtered and regulated

Battery Charging

Capacity 12AH/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

Transformer (T16100):

Input

Voltage 115VAC, 50/60Hz, 1A

Output

Voltage 16VAC/100VA. 6.25A supply current

Access Power Controller (ACM8CB):

Input

Voltage 24VDC from AL600ULXB
 Input Fuse 10A/250V

Outputs

Voltage 24VDC
 Eight (8) 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

Indicators (LED)

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

T2KK38D Kit:

Agency Listings

CE European Conformity

Physical and Environmental

Dimensions (H x W x D)

Enclosure:
 27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)
 Shipping:
 32.5" x 26.5" x 11.125" (825.5mm x 673.1mm x 282.6mm)

Weight (approx.)

Product 40.9 lb. (18.55 kg)
 Shipping 46.9 lb. (21.27 kg)

Temperature

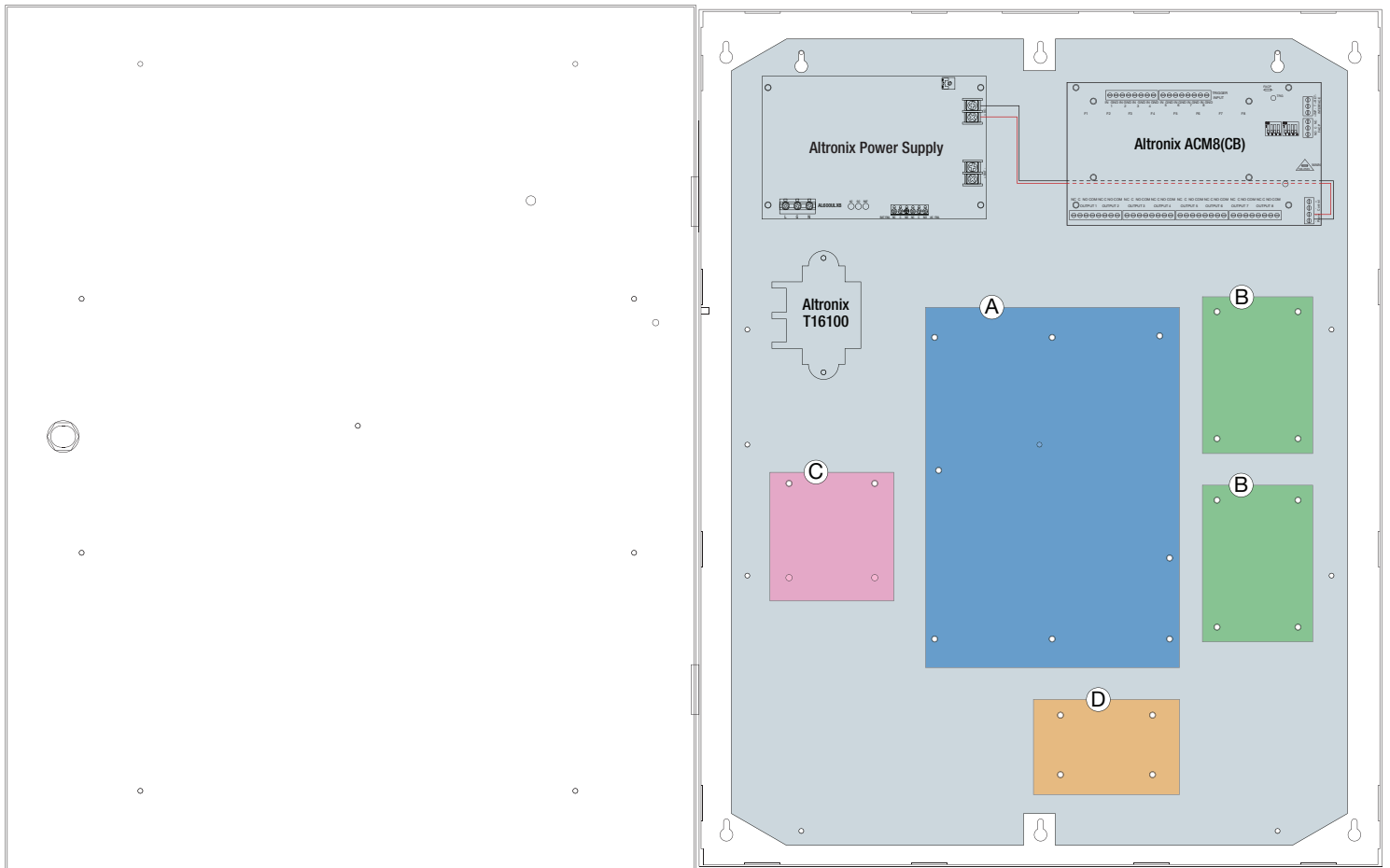
Operating 0°C to 49°C (32°F to 120°F)
 Storage - 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr (approx.): 111 BTU/Hr.

Access Controller Position Chart for the Following Models:

Keyscan	Pem Mounting
CA250B, CA4500B, CA8500B	(A)
OCB8	(B)
DPS15	(C)
CIM	(D)



Accessories (order separately)



WM5

WM5, WM25, WM100 - Magnetic Cable Tie Mounts

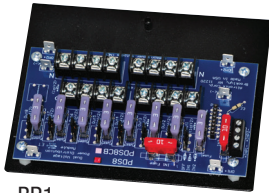
Altronix WM5, WM25, and WM100 are packs of 5, 25 or 100 magnetic cable tie mounts respectively. They accommodate standard zip ties or velcro straps. These are ideal for wire management in our Trove series.



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.



BR1

BR1 - Sub-Assembly Mounting Bracket

Altronix BR1 mounting bracket is compatible with Altronix Maximal and Trove enclosures. It allows to mount one (1) PD4UL(CB), PD8UL(CB), ACM4(CB), MOM5, VR6, PDS8, NetWay5B or LINQ8PD(CB) sub-assembly on the enclosure's inside wall, saving valuable space.

Trove2BWC
with
batteries



Trove2BWC
with
wires



TROVE2BWC - Battery/Wire Trough Enclosure

Altronix Trove2BWC is a dual-purpose enclosure that can be used as wiring trough or battery cabinet when mounted above or below of the Trove2 integrated power and access solution. The knockouts on the Trove2BWC have been strategically placed to line up with the Trove2 allowing for easy conduit connections between cabinets. Trove2BWC includes cam locks and 2 tamper switches to ensure access to wiring and batteries is secure.

Dimensions and Drawing

Dimensions (H x W x D approximate)
27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)

