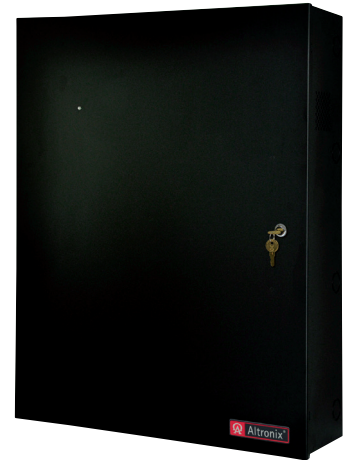


Description

Altronix T2KK3F8Q kit consists of Trove2 enclosure, TKA2 Keyscan/Altronix backplane with one (1) 24VDC @ 6A power supply/charger, one (1) Network communication module, one (1) fused access power controller, and one (1) 16VAC transformer.

This kit also accommodate 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.



T2KK3F8Q



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).
- 16 AWG galvanized steel backplane simplifies board layout and wire management.
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
 - Low power shutdown.
- Management interface for up to two (2) eFlow power supply/chargers.
- Management interface software included (USB flash drive)
- Agency Listings:
 - All Altronix components of this Trove kit are UL Listed sub-assemblies. Please refer to the Sub-Assembly Installation Guides for further information.
 - UL: UL294 - Access Control System.
 - cUL: CAN/ULC - s319-05 - Electronic Access Control Systems.
 - CE European Conformity.
- Enclosure accommodates up to four (4) 12VDC/12AH batteries.
- 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 (eFlow6NB):

Input

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

Outputs

Voltage Factory set at 24VDC.
 Current 6A continuous.
 Auxiliary Class 2 power-limited @ 1A (unswitched).
 Other Overvoltage protection. Filtered and regulated.

Battery Backup (not included)

Type Sealed lead acid or gel type.
 Fuse Rating 10A/32VDC.
 Failover Upon AC loss, instantaneous.

Fire Alarm Disconnect

Supervised Latching or non-latching.
 EOL 10K Resistor.

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. Prevents deep battery discharge.

Indicators (LED)

Input 120VAC is present.
 DC Output Powered.
 Battery Discharged or not connected.

Network Communication Module (LINQ2):

Status Monitoring

AC status; Output current draw; Unit's temperature;
 DC output voltage; Low Battery/Battery presence detection.
 Input trigger state change; Output (relay and power supply) state change.

Programming

Battery service date indication.
 Programmable via USB or web browser.
 Automated timed events:
 - Control output relays and power supply via flexible timing parameter.

Reporting

Programmable dashboard notifications.
 E-mail notification selectable by event.
 Event log tracks history (100+ events).

Indicators (LED)

Blue LED: Power ON.

Transformer (T16100):

Input

Voltage 115VAC, 50/60Hz, 1A.

Output

Voltage 16VAC/100VA. 6.25A supply current.

Access Power Controller (ACM8):

Input

Voltage 24VDC from eFlow6NB.
 Input Fuse 10A/250V.

Outputs

Voltage 24VDC.
 Eight (8) independently controlled fused 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 Fuses 3.5A/250V.

Indicators (LED)

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

T2KK3F8Q Kit:

Agency Listings

CE European Conformity.

Physical and Environmental

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

Weight (approx.)

Product 41.3 lb. (18.73 kg).
 Shipping 47.3 lb. (21.45 kg).

Temperature

Operating 0°C to 50°C (32°F to 122°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) |

