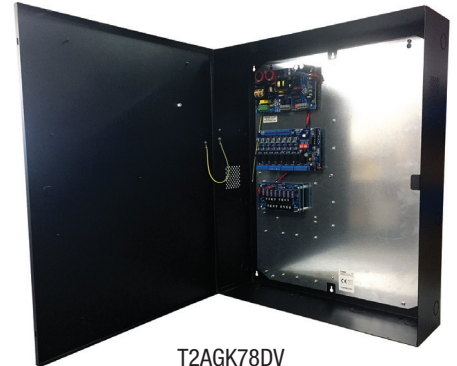


T2AGK78DV

Access & Power Integration Solution for AMAG M4000



Altronix T2AGK78DV kit consists of Trove2 enclosure, TAG2 AMAG/Altronix backplane with one (1) 24VDC @ 6A power supply/charger, one (1) 8-output PTC access power controller, one (1) voltage regulator and one (1) 8-output PTC dual input power distribution module. This kit also accommodate up to two (2) AMAG M4000 modules for up to eight (8) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T2AGK78DV

AMAG M4000 modules are sold separately



Key Features

- 24VDC power supply/charger
- Accommodates up to two (2) AMAG M4000 modules
- Convenient knockout configuration:
 - Single 2" diameter knockout located top center of enclosure
 - Sixteen (16) double knockouts (1" and 0.75")
- 16 AWG galvanized steel backplane simplifies board layout and wire management
- Supervision
 - AC Fail
 - Battery Fail and Battery Presence
- 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 (AL1024XB2V):

Input

Voltage 220VAC (working range 198VAC-256VAC),
50/60Hz, 2.5A

Fusing 5A/250V

Outputs

Voltage 24VDC

Current 10A @ 24VDC continuous max

Other Overvoltage protection
Filtered and regulated

Back-up Battery

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

Supervision

AC Failure Form "C" contacts

Battery Form "C" contacts

Indicators (LED)

Input 220VAC is present

DC Output Powered

Battery Discharged or not connected

Dual Input Power Distribution Module (PDS8CB):

Input

Voltage 12VDC from VR6 and
24VDC from AL1024XB2V

Input PTC 9A

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

PTCs 2.5A

Indicators (LED)

DC Output Eight (8) individual output LEDs

Green: 12VDC

Red: 24VDC

Voltage Regulator (VR6):

Input

Voltage 24VDC from AL1024XB2V

Output

Voltage 12VDC

Current 6A continuous

Other Surge suppression

Indicators (LED)

Input 24VDC is present

Output Powered

Access Power Controller (ACM8CB):

Input

Voltage 24VDC from AL1024XB2V

Input Fuse 10A/250V

Outputs

Voltage 24VDC

Eight (8) 24VDC independently controlled PTC outputs:

a) Fail-Safe and/or Fail-Secure power outputs

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

T2AGK78DV 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: 40.1 lb. (18.2 kg)

Shipping: 43.85 lb. (19.9 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.): 145 BTU/Hr

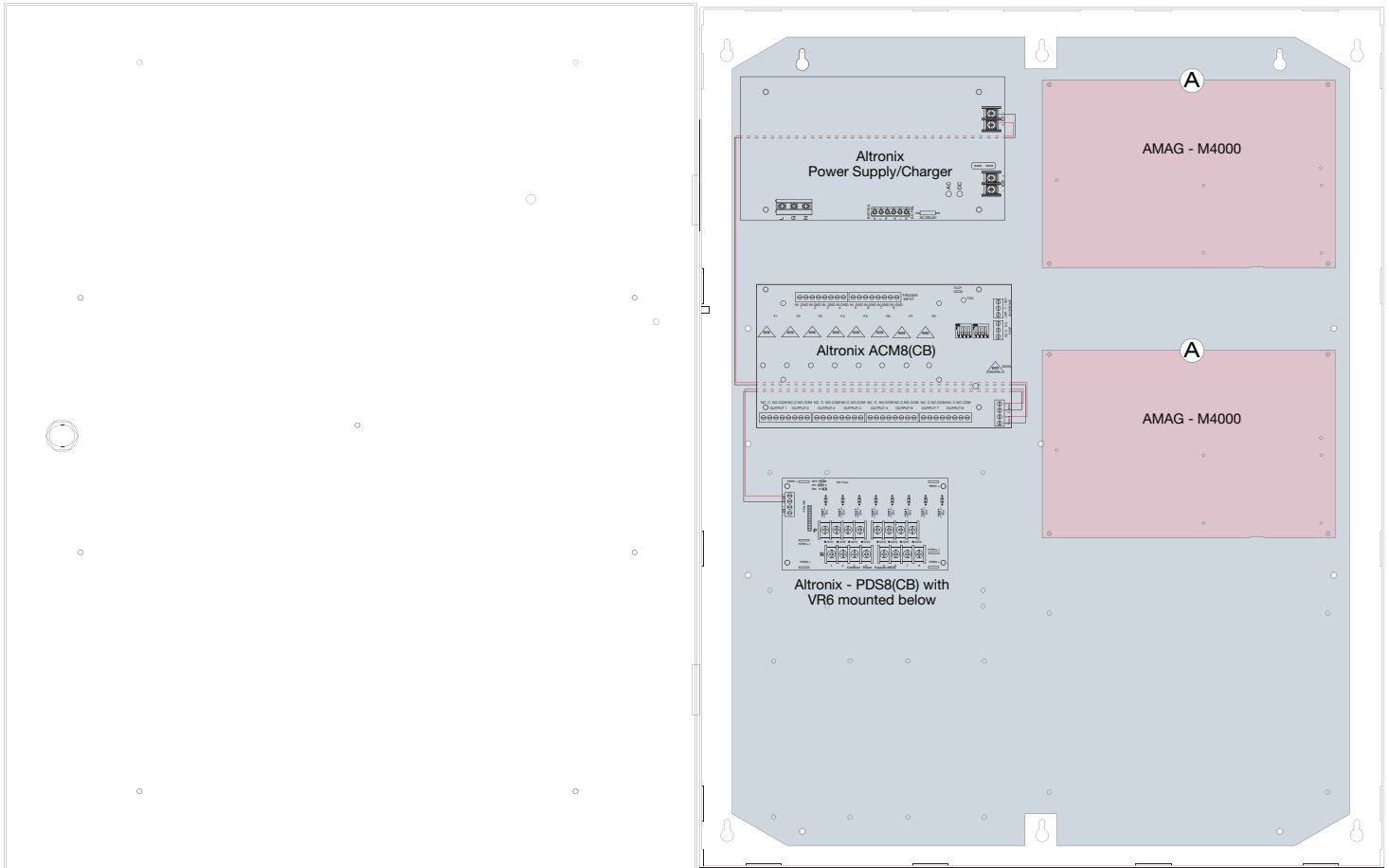
T2AGK78DV

Access & Power Integration Solution for AMAG M4000



Access Controller Position Chart for the Following Models:

AMAG	Pem Mounting
M4000-DEC4, M4000-DEC4 w/M4000-DBB, M4000-IOC20/16	(A)



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)

