

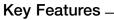
Access & Power Integration Solution

Description

T2AMK7F8

Altronix T2AMK7F8 kit consists of Trove2 enclosure, TAM2 AMAG/Altronix backplane with one (1) 24VDC @ 10A power supply/charger, one (1) fused access power controller, one (1) voltage regulator and one (1) dual input fused power distribution module.

This kit also accommodates various combinations of AMAG modules for up to eight (8) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



- 24VDC power supply/charger.
- Accommodates a combination of the following AMAG modules: M2150 2DC, M2150 4DC, M2150 AC24/4, M2150 2DBC, M2150 4DBC, or M2150 8DBC.
- 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.

*Altronix Power Supply/Chargers and Sub-Assemblies only

Accessories (order separately)



LINQ2 - Network Supervision

Altronix LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN - Remotely reports accurate power diagnostics

- Controls power and resets devices
- Reports system diagnostics via Email





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.



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.

- Supervision

- AC Fail
- Low Battery and Battery Presence
- Low power shutdown.
- CE European Conformity.
- Enclosure accommodates up to four (4) 12VDC/12AH batteries.

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- Lifetime Warranty*/Made in the U.S.A.





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Power Supply (eFlow104NB):		Voltage Regulator (VR6):	
Input		Input	
Voltage	120VAC, 60Hz, 4.5A max.	Voltage	24VDC from eFlow104NB.
Input Fuse	6.5A/250V.	Output	
Outputs		Voltage	12VDC.
Voltage	24VDC.	Current	6A continuous.
Current	10A continuous.	Other	Surge suppression.
Auxiliary	Class 2 power-limited @ 1A (unswitched).	Indicators (LED)	
Other	Overvoltage protection. Filtered and regulated.	Input	24VDC is present.
Battery Backup (not included)		Output	Powered.
Туре	Sealed lead acid or gel type.		
Fuse Rating	10A @ 32VDC.	Access Power Controller (ACM8):	
Failover	Upon AC loss, instantaneous.	Input	
Fire Alarm Discor	nnect	Voltage	24VDC from eFlow104NB.
Supervised	Latching or non-latching.	Main Fuse	10A/250V.
EOL	10K Resistor.	Outputs	
Supervision		Voltage	24VDC.
AC Failure	Form "C" contacts.	Eight (8) independently controlled fused outputs:	
Battery	Form "C" contacts.	a) Fail-Safe and/or Fail-Secure power outputs.	
Low DC Power Shutdown		Form "C" Relays rated 28VAC or VDC @ 2.5A.	
Shuts down DC output terminals if battery voltage drops below		b) Auxiliary power outputs (unswitched).c) Any combination of the above.	
	units. Prevents deep battery discharge.	, -	
Indicators (LED)		Output Fuses	3.5A/250V.
Input	120VAC is present.	Indicators (LED)	
DC Output	Powered.	Red LEDs	Outputs are triggered (relays energized).
		Green LED	FACP disconnect is triggered.
Dual Input Powe	er Distribution Module (PDS8):	T2AMK7F8 Kit:	
nput Agency Listings			
Voltage	12VDC from VR6 and 24VDC from eFlow104NB.	All components of this Trove kit are UL Listed sub-assemblies.	
Input Fuse	10A/32V.	Please refer to the corresponding Sub-Assembly Installation Guides for	
Outputs		further information.	
Voltage	12VDC and/or 24VDC.	CE	European Conformity.
	power outputs are selectable	Physical and Enviro	onmental
to follow power Input 1 or Input 2.		Dimensions (H x W x D)	
Individual outputs may be set to OFF position for servicing.		27.25" x 21.5" x 6	.5" (692.2mm x 546.1mm x 165.1mm).
Outputs Rating		Weight (approx.)	
Fuses	3A/32V.	Product	54.3 lb. (24.6 kg).
Indicators (LED		Shipping	59.3 lb. (26.9 kg).
DC Output	Eight (8) individual output LEDs.	Temperature	
Green:	12VDC	Operating	0°C to 50°C (32°F to 122°F).
Red:	24VDC.	Storage	-20°C to 70°C (-4°F to 158°F).
		Relative Humidity	85% +/-5%.
		BTU/Hr (approx.):	



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Access Controller Position Chart for the Following Models:

AMAG	Pem Mounting
M2150 2DC	A
M2150 4DC	B
M2150 AC24/4	©
M2150 2DBC	D
M2150 4DBC, M2150 8DBC	Ē

