

MaxFit7F16AP

Access Power Controller



Altronix MaxFit7F16AP Access Power Controller distributes and switches power to access control systems and accessories. It converts a 120VAC, 60Hz input into sixteen (16) distributed 24VDC fuse protected outputs and sixteen (16) independently controlled 24VDC fuse protected relay outputs. Fail-Safe/Fail-Secure power outputs may be converted to dry form "C" contacts. Relays are activated by an open collector sink or normally open (NO) dry trigger input from an Access Control System, Keypad, Push Button, REX PIR, etc. Unit will route power to a variety of access control hardware devices including: Mag Locks, Electric Strikes, Magnetic Door Holders, etc. The FACP Interface enables Emergency Egress, Alarm Monitoring, or may be used to trigger other auxiliary devices. The fire alarm disconnect feature is individually selectable for any or all of the sixteen (16) relay outputs.

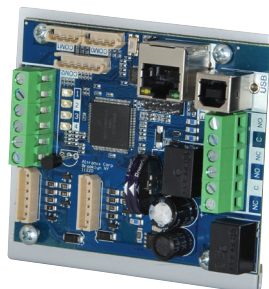


MaxFit7F16AP

Key Features

- 24VDC @ 10A power supply/charger
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
 - Low power shutdown
- Outputs:
 - Sixteen (16) distributed 24VDC fused protected outputs.
 - Sixteen (16) independently controlled 24VDC fuse protected relay outputs
- Convenient knockout configuration:
 - Twelve (12) double knockouts (1" and 0.75")
- 16 AWG powder-coated steel enclosure simplifies board layout and wire management
- Enclosure accommodates up to four (4) 12VDC/12AH batteries

Accessories (order separately)



LINQ2

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



Lifetime Warranty

Specifications**Power Supply (eFlow104NB):****Input**

Voltage	120VAC, 60Hz, 4.5A max.
Input Fuse	6.3A/250V

Outputs

Voltage	24VDC @ 10A
Auxiliary	1A (unswitched)
Protection	Overvoltage protection. Filtered and regulated

Battery Charging

Capacity	12AH/12VDC (4 within enclosure) 40AH/65AH (requires separate enclosure)
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Type	Sealed lead acid or gel type
Fuse Rating	15A/32V
Failover	Upon AC loss, instantaneous
Batteries are sold separately	

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 (depending on the power supply)
Prevents deep battery discharge

Indicators (LED)

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

Power Distribution Module (PD16W):**Input**

Voltage 24VDC from eFlow104NB

Outputs

Voltage	24VDC Sixteen (16) fuse protected outputs 3.5A per output max.
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Output Fuses 3.5A/250V

Indicators (LED)

Green LED	DC Output
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Two (2) Access Power Controllers (ACM8):**Input**

Voltage	24VDC from eFlow104NB
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

MaxFit7F16AP:**Physical and Environmental****Dimensions (H x W x D)**

Enclosure:
20.5" x 16.5" x 6.25" (520.7 mm x 419.1 mm x 158.8 mm)

Shipping:
24.75" x 20.25" x 7.875" (628.7mm x 514.4mm x 200mm)

Enclosure accommodates up to four (4) 12VDC/12AH batteries

Weight (approx.)

Product:	28.1 lb. (12.75 kg)
Shipping:	34.1 lb. (15.5 kg)

Temperature

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

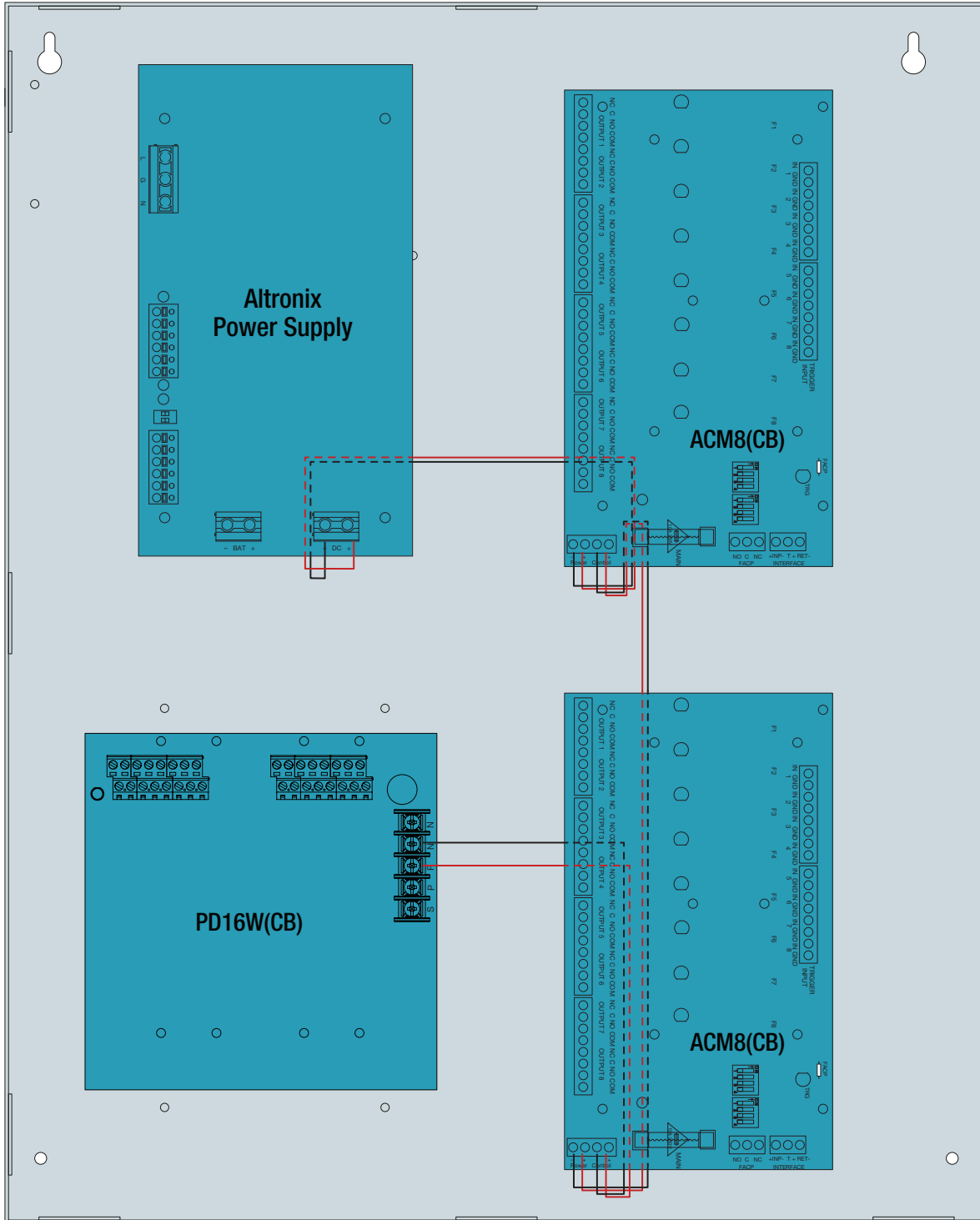
Relative Humidity	85% +/- 5%
BTU/Hr (approx.)	145 BTU/Hr.

Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

Sub-Assembly Layout:



Lifetime Warranty

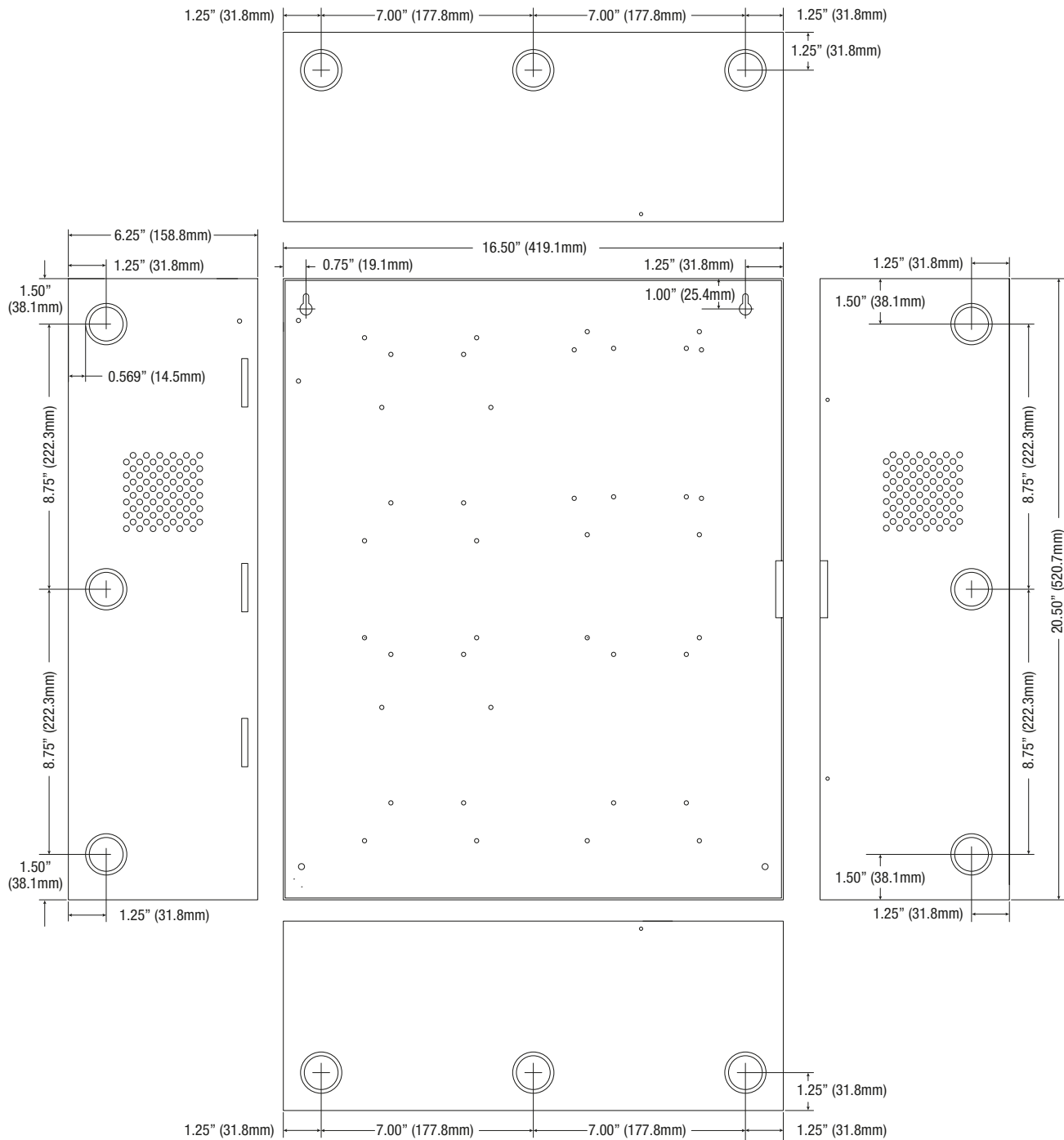
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Dimensions and Drawing

Dimensions (H x W x D approximate)

20.5" x 16.5" x 6.25" (520.7mm x 419.1mm x 158.8mm)



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