

MaxFit3F8APS

Access Power Controller



Altronix MaxFit3F8APS Access Power Controller distributes and switches power to access control systems and accessories. It converts a 120VAC, 60Hz input into eight (8) distributed 12VDC or 24VDC fuse protected outputs and eight (8) independently controlled 12VDC or 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 eight (8) relay outputs.



MaxFit3F8APS

Batteries are not included

Key Features

- 12VDC/24VDC @ 6A power supply/charger
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
 - Low power shutdown
- Outputs:
 - Eight (8) distributed 12VDC or 24VDC fuse protected outputs
 - Eight (8) independently controlled 12VDC or 24VDC fuse protected relay outputs
- Convenient knockout configuration:
 - Twelve (12) double knockouts (1" and 0.75")
- 16 gauge 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 (eFlow6NB):

Input

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

Output

Voltage	12VDC or 24VDC selectable
Current	6A continuous
Auxiliary	Class 2 power-limited @ 1A (unswitched)
Other	Overvoltage protection. Filtered and regulated

Battery Charging

Capacity	12AH/12VDC (4 within enclosure) 40AH/65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Fuse Rating	10A/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 or 71-73% for 12V units
Prevents deep battery discharge

Indicators (LED)

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

Dual Input Access Power Controller (ACMS8):

Input

Voltage	24VDC from eFlow6NB and 12VDC from VR6
Input Fuses	15A/32V

Outputs

Voltage 12 or 24VDC individually selectable
Eight (8) selectable 12VDC - 24VDC independently controlled outputs or eight (8) independently controlled Form "C" relay outputs:
a) Fail-Safe and/or Fail-Secure power outputs
b) Form "C" Relays. 28VAC or VDC @ 2.5A Rated
c) Auxiliary power outputs (unswitched)
d) Any combination of the above

Any of the eight (8) fuse protected power outputs are selectable to follow power Input 1 or Input 2
Individual outputs may be set to OFF position for servicing

Output Fuses	3A/32V
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Indicators (LED)

Red LEDs	Outputs are triggered (relays energized)
Blue LED	FACP disconnect is triggered
Individual voltage LEDs:	
Green:	12VDC
Red:	24VDC

Voltage Regulator (VR6):

Input

Voltage	24VDC from eFlow6NB
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Output

Voltage	12VDC
Current	6A continuous
Other	Surge suppression

Indicators (LED)

Input	24VDC is present
Output	Powered

Dual Input Power Distribution Module (PDS8):

Input

Voltage	24VDC from eFlow6NB and 12VDC from VR6
Input Fuses	10A/32V

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

Output Fuses	3A/32V
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Indicators (LED)

DC Output	Eight (8) individual output LEDs
Green:	12VDC
Red:	24VDC

MaxFit3F8APS:

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:	26.9 lb. (12.2 kg)
Shipping:	32.9 lb. (14.9 kg)

Temperature

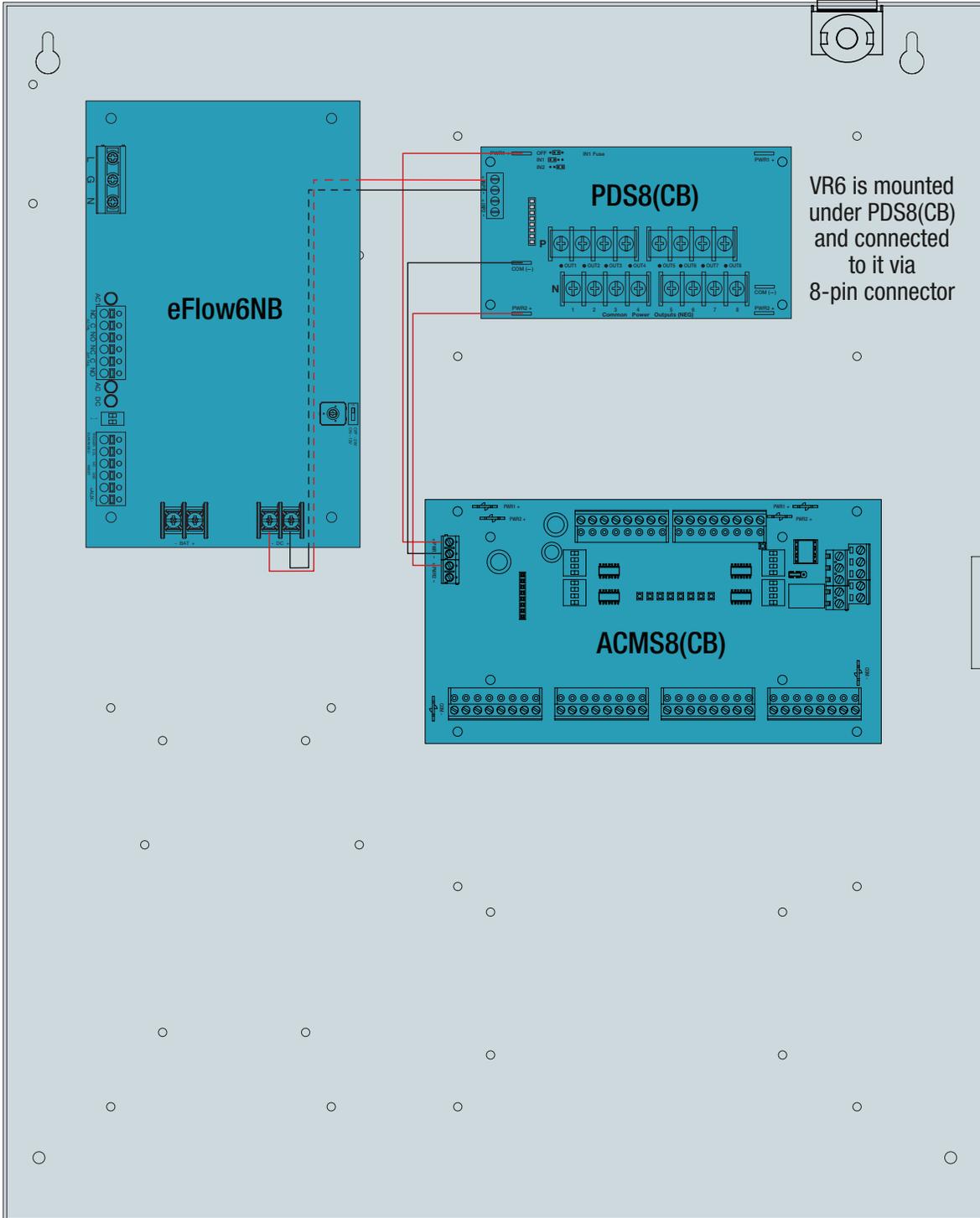
Operating:	0°C to 49°C (32°F to 120°F)
Storage:	- 20°C to 70°C (- 4°F to 158°F)

Relative Humidity

BTU/Hr (approx.)	85% +/- 5%
12VDC:	41 BTU/Hr.
24VDC:	77 BTU/Hr.

Lifetime Warranty

Sub-Assembly Layout:

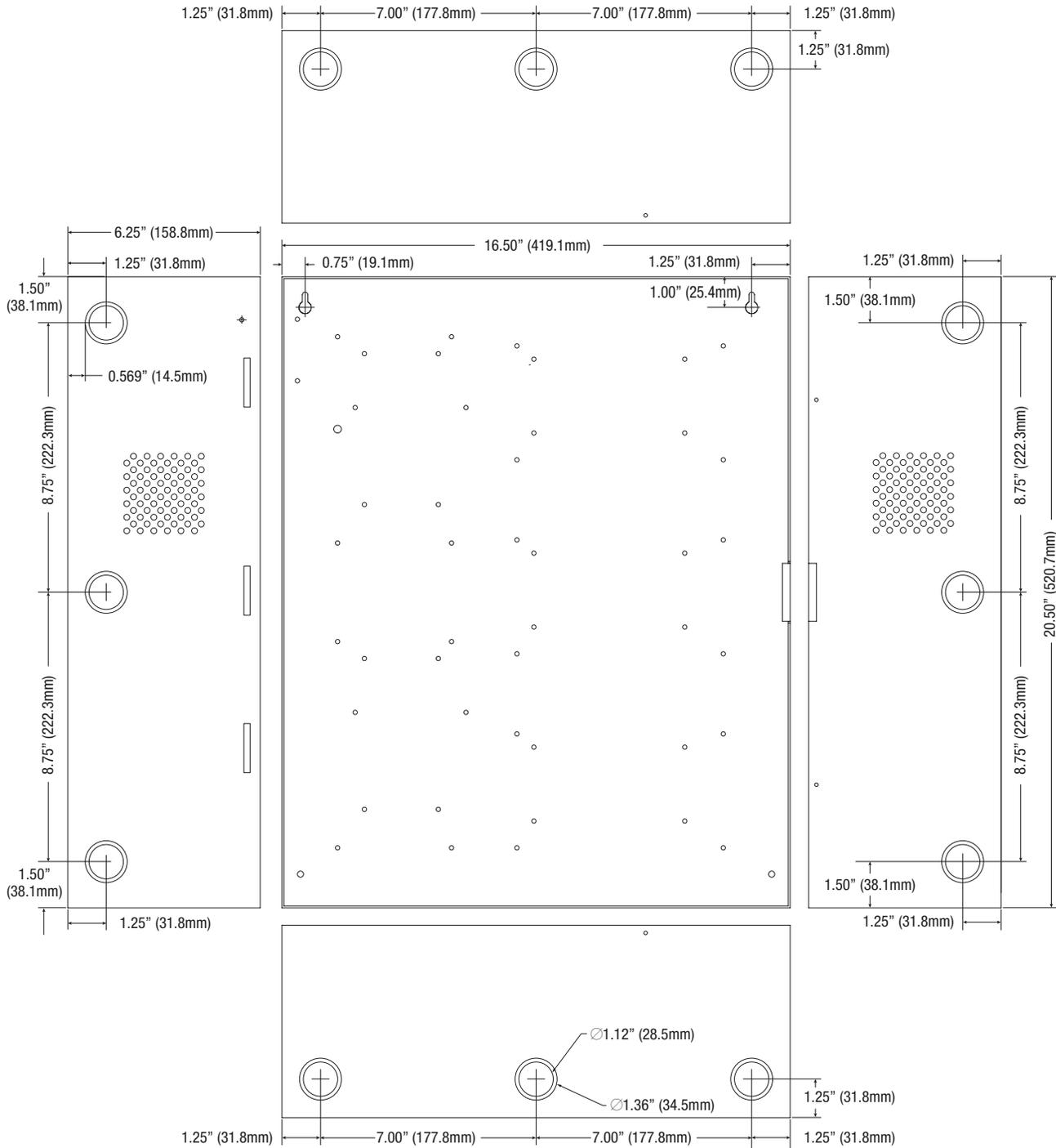


Lifetime Warranty

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)



Lifetime Warranty

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