

MaxFit716AP

Access Power Controller



Altronix MaxFit716AP Access Power Controller distributes and switches power to access control systems and accessories. It converts a 115VAC, 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.



MaxFit716AP

Key Features

- 24VDC @ 10A power supply/charger
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
- 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

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

Specifications**Power Supply (AL1024ULXB2):****Input**

Voltage	115VAC 60Hz, 4.2A max.
Fusing	5A / 250V

Outputs

Voltage	24VDC
Current	10A @ 24VDC continuous max.
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 15A/32V

Failover Upon AC loss, instantaneous

Batteries are sold separately

Supervision

AC Failure Form "C" contacts

Battery Form "C" contacts

Indicators (LED)

Input 115VAC is present

DC Output Powered

Battery Discharged or not connected

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

Voltage	24VDC from AL1024ULXB2
---------	------------------------

Outputs

Voltage	24VDC
Sixteen (16) fuse protected outputs 3.5A per output max.	

Output Fuses 3.5A/250V

Indicators (LED)

Green LED DC Output

Two (2) Access Power Controllers (ACM8):**Input**

Voltage	24VDC from AL1024ULXB2
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

MaxFit716AP:**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%

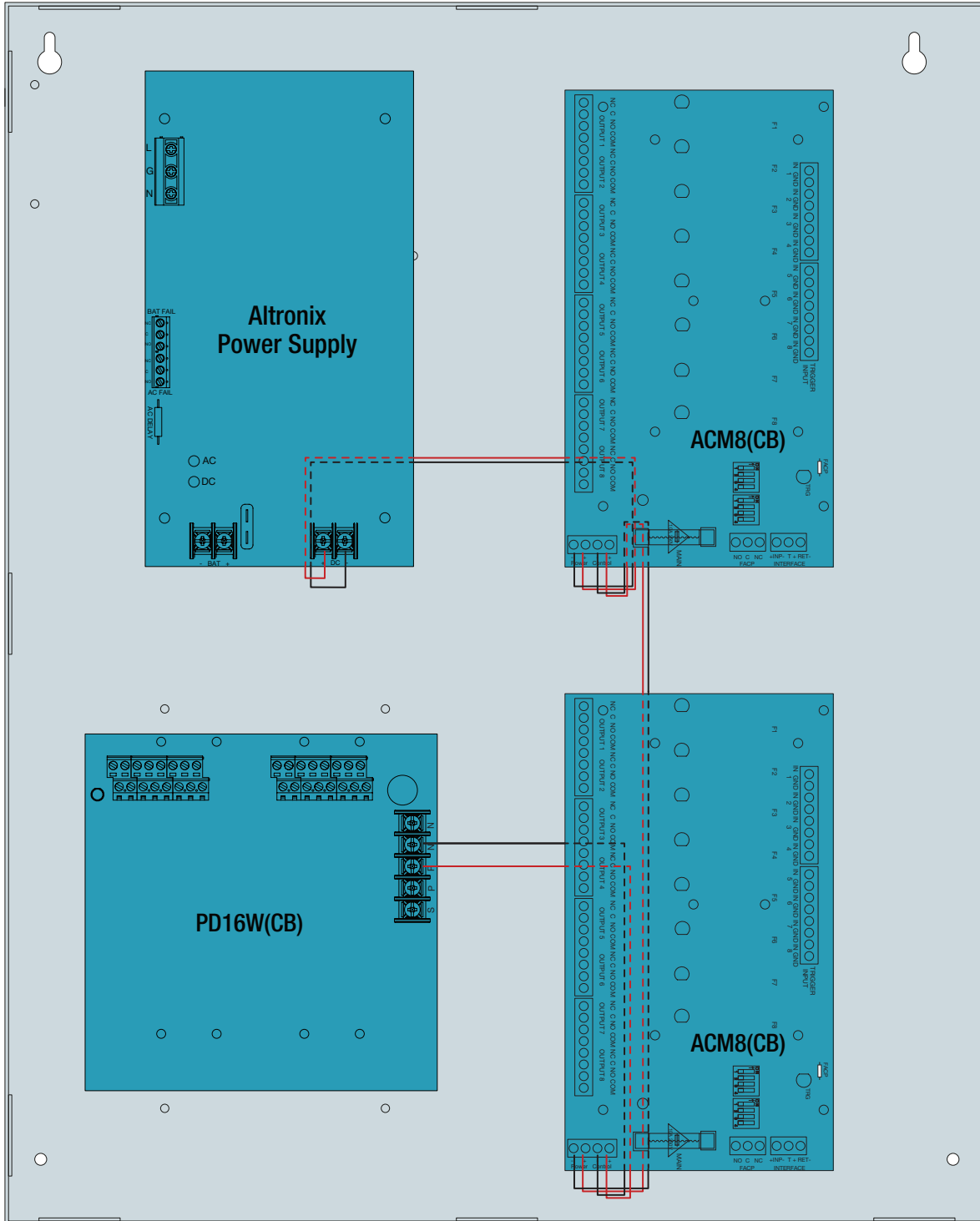
BTU/Hr (approx.) 145 BTU/Hr.

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:

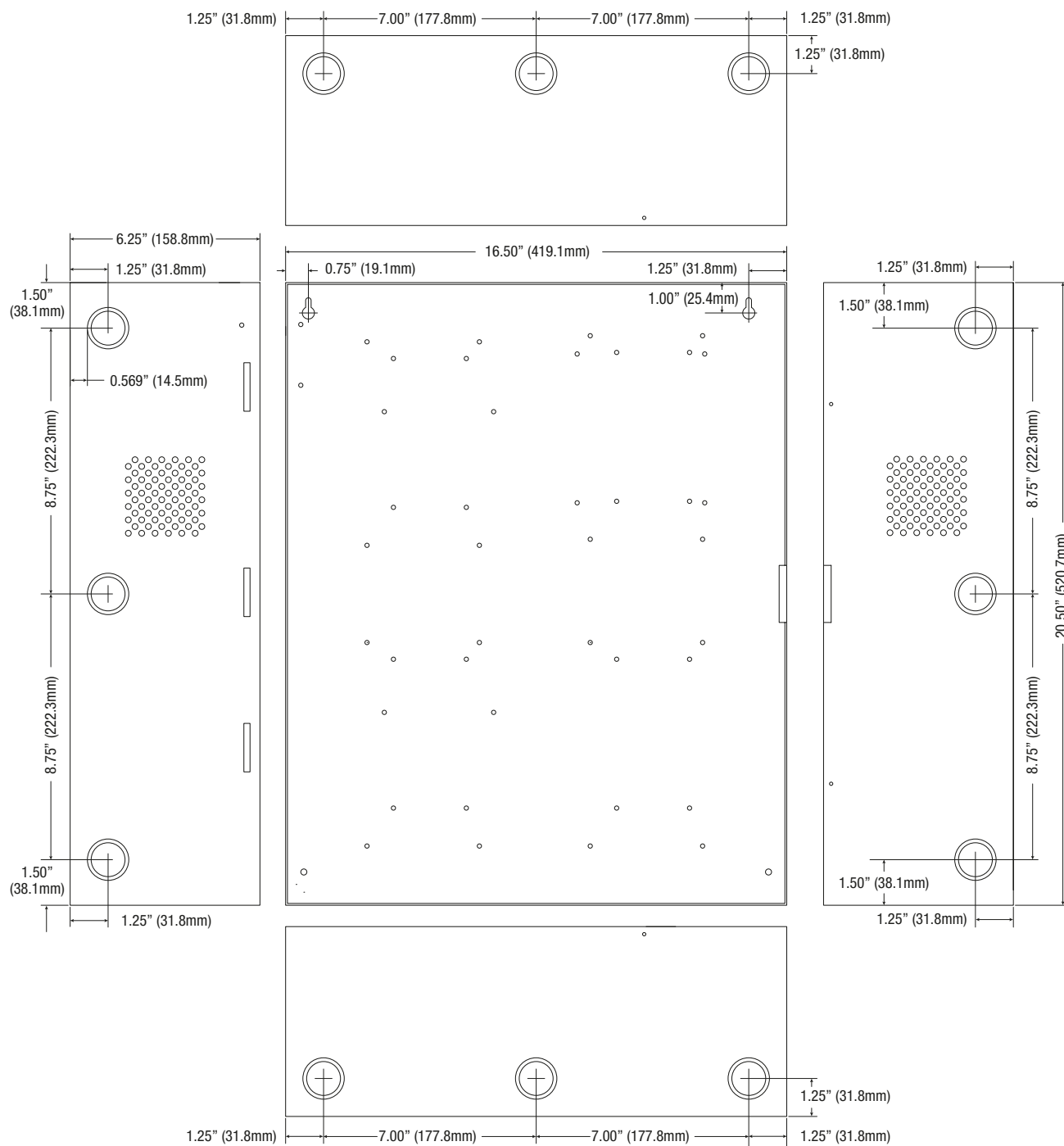


Lifetime Warranty

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

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