

XP10 DC Power Supply and Battery Charger

SECURITY • ACCESS CONTROL • CCTV

BASE

- **12VDC or 24VDC output at up to 10 Amps**
- **Single-Switch Selectable Output**
- **Selectable Power Monitor Alarm**
- **2A Form-C dry contact Alarm output**
- **Charges lead acid gel cell batteries**
- **Includes battery cable kit**
- **Instant switch over to/from battery**
- **AC, DC, Fault Status LEDs**
- **Fused AC input and Battery circuits**
- **Thermal overload and short protection**
- **Compact PCB - 4.00" w x 5.75" l x 2.38" h**
- **Includes Mounting Hardware**



The XP10 Power Supply converts a low voltage AC input into a 12vdc or 24vdc output at up to 10 Amps of continuous supply current. The XP10 has a built-in charger for sealed lead acid gel cell standby batteries. The output voltage is single-switch selectable and adjustable. The XP10 also includes Power Monitor alarm circuitry enabling the user to separately select PM on/off, AC supervision, Battery supervision, and Alarm Delay options and provides a 2A alarm relay dry contact output. Status LEDs provide visual power input, output, and fault indications. The XP10 is ideal for economically powering security door locks and alarm devices, access control readers, and CCTV systems and can easily be used with BASE LV Series modules to form a complete distributed low voltage power system.

The XP10 output is filtered, regulated, and protected from damage by output shorts or thermal overloads. AC input and Battery circuits are separately fused. The XP10 circuit board is compact and includes mounting standoffs and a battery cable kit.

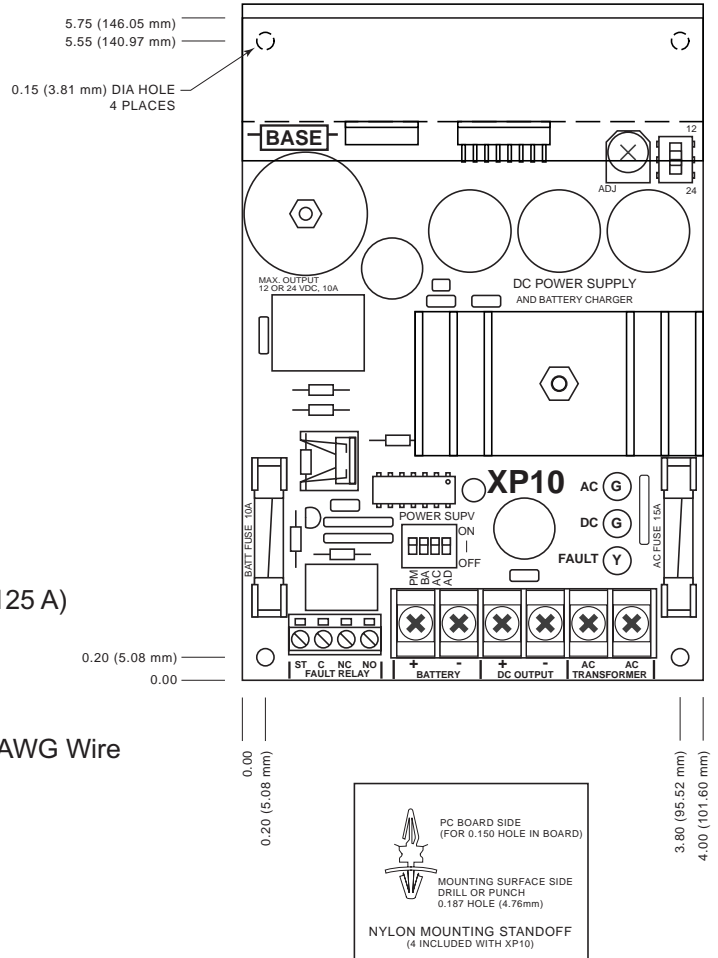
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PC Board Footprint



XP10 Specifications

- Indoor Temperature Range: -25° C. to +70° C.
- Electrical
 - AC Input: 28-32 VAC, 50-60 Hz
 - Maximum Output: 13.8 or 27.6 VDC, 10A (at 25°C)
 - Maximum No-Load Current Consumption: 125mA (0.125 A)
 - Maximum Battery Charge Current : 750mA (0.750 A)
 - Battery Type: Sealed Lead Acid Gel Cell Type Only
 - Fault Supervision Relay Form-C Contact Rating: 2A
 - Connections: Captive Screw Terminals for #14 to #22AWG Wire
 - AC Input Fuse: 15A, Type 3AG, Fast Blow
 - Battery Fuse: 10A, Type 3AG, Fast Blow
- Size: 4.00 wide by 5.75 long by 2.38 high (inches)
- Mounting: (4) 1/4 inch high nylon standoffs included
- Controls and Indicators
 - Output Voltage is Single-Switch selectable and adjustable: 12 or 24 VDC
 - Fault Supervision Select 4-pole Dip Switch: PM, BA, AC, AD
 - 3 LED Indicators for AC Power (Green), DC Power (Green), Fault (Flashing Yellow)
- Special Features
 - On-board selectable Fault Supervision with Relay Form-C Contact Output
 - Charger for Lead Acid Gel Cell Batteries
 - Separately fused AC input and Battery circuits

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