



PXX2410

POWER SUPPLY



BENEFITS

- Fully Regulated
- Small Package
- Easy to Install
- UL and CSA Listed
- Complete with Cable

The Tech Works **PXX2410** is a regulated computer grade power supply capable of providing 1.0 Amp of power at 24-Volts DC to any of our products. This unit is UL and CSA listed in a wall mount enclosure. A 6-foot power cord with a North American standard Edison connector is included. This is a switching power supply designed to operate on worldwide AC Voltage input.

A 6-foot cord is included with a 5.5mm barrel connector for easy installation with most Tech Works products. For those installations requiring bare end wire connection to screw terminals, simply cut off the connector and strip the wires to the appropriate length. Always check polarity of wires with a meter when connecting bare leads to screw terminals.

Related Products

All CI-Series Products
All NC-Series Products
All CC2-Series Products

Design Information

Power Input	100-240V AC 50-60Hz
Power	
Output	24V DC @ 1 Amp
Color	Black
Mounting	Wall Mount
Dimensions	2" W x 3" H x 1.25" D
Weight	1 lb.

Architects' and Engineers' Specifications

The Light Signaling System shall be supplied with a 24-Volt Direct Current power supply capable of powering all devices, as shown on plans, simultaneously with a minimum of 25% reserve power. The power supply shall be UL/CSA Listed for use with alarm and signaling systems. This unit shall operate from an input of 100 to 240 Volts AC and supply a minimum of 1.0 Amps at 24-Volts DC.

The System Power Supply shall be
Tech Works Model PXX2410



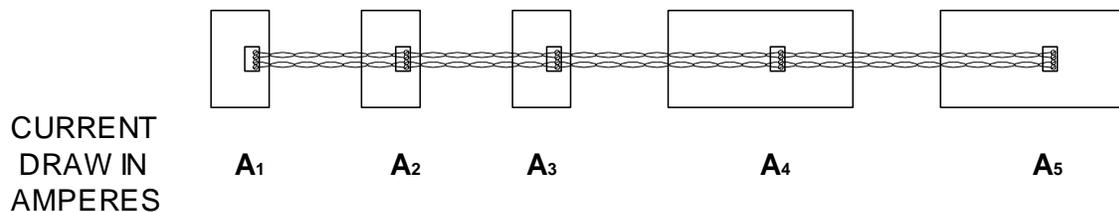
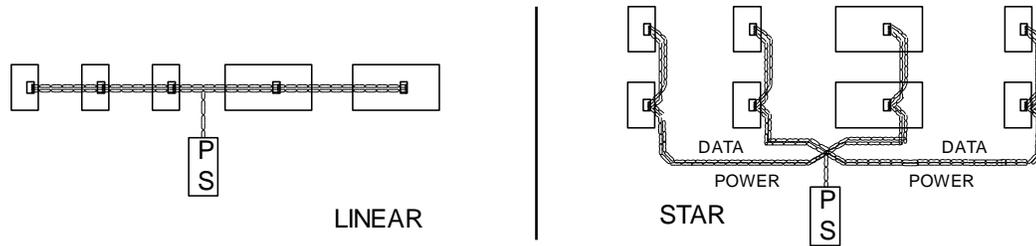
Tech Works®

"Making Specialized Communication Easy"



NETWORK POWER & WIRE REQUIREMENTS

POWER SHOULD BE THE SHORTEST ROUTE POSSIBLE!



POWER SUPPLY SIZE REQUIRED

$$A_1 + A_2 + A_3 + A_4 + A_5 = A_{TOTAL}$$

ADD THE MAXIMUM CURRENT REQUIRED BY EACH DEVICE TO DETERMINE THE TOTAL CURRENT REQUIRED FROM THE POWER SUPPLY.

WIRE SIZE REQUIRED

$$\frac{V}{A_1 + A_2 + A_3 + A_4 + A_5} > R_{WIRE} \times 2$$

VOLTAGE / CURRENT SHOULD ALWAYS BE GREATER THAN THE RESISTANCE OF THE WIRE X 2

