



PWR2410A 24VDC Power Supply (AlphaRefuge™ 2100 Series)



ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The AlphaRefuge™ 2100 Series system power supply shall be Alpha Communications® model PWR2410A, or approved equal.

The PWR2410A shall provide electrical power for up to 10 of the RCB2100 series Refuge Call Boxes, which are powered by 24VDC 'remote' power. The PWR2410A shall provide 2.5 Amp output current and shall be housed in a steel enclosure that is powder coated.

The PWR2410A shall feature short circuit and thermal overload protection, individual LED power indicators, and shall be UL1310 and UL2044 Listed for the US and Canada.

Contractor shall observe all local and national electrical and building codes.

PWR2410A SYSTEM POWER SUPPLY



The Alpha Communications® PWR2410A Power Supply is used with the AlphaRefuge™ 2100 Series Area of Refuge system.

The PWR2410A can provide power for the RCB2100 series Refuge Call Boxes, which operate on 24VDC 'remote' power. It is not needed when the RCB2100 series Refuge Call Boxes are powered by 'direct' 120VAC power.

Only one (1) PWR2410A is needed per system.

FEATURES

- 24VDC secondary power. Install up to ten (10) RCB2100 series Refuge Call Boxes
- 2.5 Amp Output Current (Class 2 Rated 12VDC or 24VDC Selectable Outputs)
- Short Circuit and Thermal Overload Protection
- UL1310 and UL2044 Listed (US and Canada)
- AC Input and DC Output LED Indicators
- 115VAC, 60 Hz., 1.45 Amp Input - Maximum Charge Current 0.7A
- AC Fail Supervision (Form 'C' Contact Rated at 1 Amp 28VDC)
- Built-In Charger for Sealed Lead Acid or Gel Type Batteries
- Heavy-Duty Powder Coated Steel Surface Enclosure
- 1/2" and 3/4" Combination Knockouts

SPECIFICATIONS

Dimensions:	13.00"W (331mm) x 14.00"H (356mm) x 3.875"D (99mm)
Enclosure:	Powder Coated finish over Steel Enclosure (surface mount) - with KO for optional (customer supplied) lock

Alpha Communications

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