



PK800A Auxiliary Power Supply Specification Sheet

IL664
Section E
Rev. 7 - 10/2010

PK800A Auxiliary Power Supply



ARCHITECTS' AND ENGINEERS' SPECIFICATION

The Auxiliary Power Supply shall be TekTone®'s PK800A or approved equal. The power supply shall provide two outputs: +5VDC and +24VDC.

The PK800A Auxiliary Power Supply shall be capable of a direct short at its output terminals without causing damage to the power supply electronics. When the short is removed from the power supply output, the PK800A shall electrically recover from the shorted condition and continue to operate in a normal fashion after the replacement of the fuse, if required.

The PK800A shall be mounted in an aluminum case, and screw terminals shall be used for wire connections. The AC input to the power supply shall be 24VAC / 100VA / 60 Hz.

The PK800A shall be UL® 1069 Listed when used with the IH151NK.

FEATURES

TekTone®'s PK800A Auxiliary Power Supply provides additional DC power for the Tek-CARE® NC200, NC150 and NC110 Nurse Call Systems, allowing for extended light capacity. Both of the outputs, +24VDC and +5VDC, are protected from shorts that might occur at the output. When the shorts are removed, the power supply recovers and operates normally. A 4 amp fuse protects the input of the power supply. The PK800A Auxiliary Power Supply maintains its output for approximately 2 seconds after removal of its input power. This feature prevents the loss of system functionality during periods of brief power interruptions.

- UL® 1069 Listed
- Compact design
- Protected from shorts at the outputs

SPECIFICATIONS

| | | |
|---------------|---|------------------|
| Dimensions: | Height: | 10.625" (270 mm) |
| | Width: | 3.5" (88.9 mm) |
| | Depth: | 2.5" (64 mm) |
| Construction: | Extruded Aluminum case. Internal circuit board. | |
| Connections: | Screw Terminals | |
| Fuse: | 4 amp | |
| Power: | 24VAC / 100VA / 60Hz | |

REQUIRED COMPONENTS

| | |
|------------------|--|
| Tek-CARE® NC200, | |
| NC150 or NC110 | Nurse Call System |
| IH151NK | Junction box with transformer and power & control unit |

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TekTone®'s quality system is registered by UL® to the ISO 9001 standard. (Reference #10001510.)