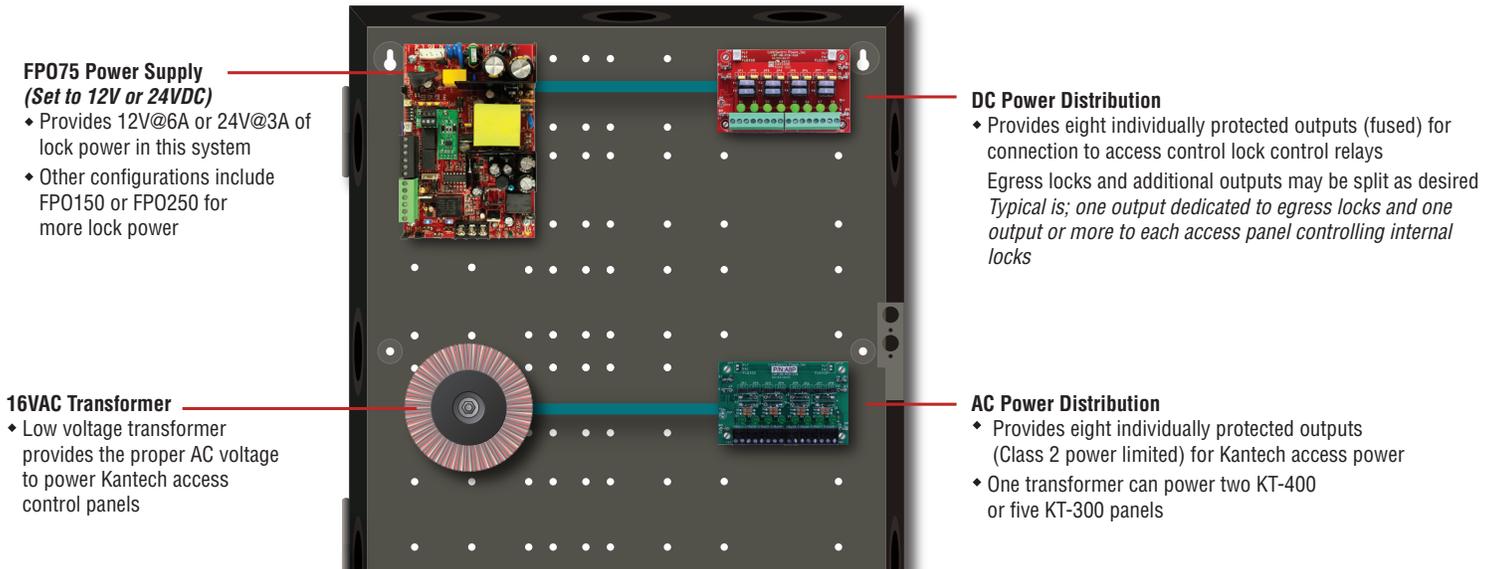


LIFESAFETY POWER KCLASS POWER SYSTEM OVERVIEW

Dual voltage power management system provides both 16VAC and 12 or 24VDC to power a Kantech access control system and locks (strikes or maglocks). One 8 output power limited power distribution board is provided for the dual AC input required by Kantech. One 8 output DC power distribution board provides lock circuit and auxiliary power fused at 3A per zone. Fire alarm interface is available on an individual output basis for control of egress locks, if required. The power distribution modules are power limited for use with the Kantech panels.

This unit is a typical example of many listed configurations that may be generated within the FlexPower system.



DC POWER SUPPLY FEATURES

- ◆ Microprocessor dual rate charging restores battery sets up to 40 Ah
- ◆ Multiple outputs for system power, direct lock control and accessory power distribution modules
- ◆ Fire alarm interface for egress lock control (FAI)
- ◆ Comprehensive fault detection and reporting including optional earth ground and battery presence
- ◆ Programmable AC and System fault delays
- ◆ Optional network connectivity for offsite diagnostics, battery management, and trouble / service email alerts
- ◆ ATM automotive style fuses

➤ **Power Management & Reporting**

- ◆ NettLink network module connects power supply to a LAN/WAN network for remote power supply programming and diagnostics. Monitors and reports system status, battery state, generates email or SNMP notification of system trouble or time to service alert.

AC POWER FEATURES

- ◆ 200VA low voltage transformer
- ◆ Eight 16VAC isolated outputs are individually protected
- ◆ Each output is rated for 2.5A Class 2, Power limited and provides visual indication of output voltage

ORDERING

The specific LifeSafety Power KCLASS part number on this application note is

Model No.	Mechanical Info
KT75-D8E2	75W lock power, 8 out fused Size: 16" x 20" x 4.5" Weight: 20 lb.

Other LifeSafety Power KClass Model Numbers for Kantech

KT75-D8E2	75W lock power, 8 out fused
KT150-D8E2	150W lock power, 8 out fused
KT250-D8E2	250W lock power, 8 out fused
KT75-D8PE2	75W lock power, 8 out Class 2 power limited
KT150-D8PE2	150W lock power, 8 out Class 2 power limited
KT250-D8PE2	250W lock power, 8 out Class 2 power limited

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***Important:** All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their particular application. LifeSafety Power makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. LifeSafety Power's only obligations are those in the LifeSafety Power Standard Terms and Conditions of Sale for this product, and in no case will LifeSafety Power or its distributors be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use, or misuse of the product. Specifications are subject to change without notice. In addition, LifeSafety Power reserves the right to make changes—without notification to Buyer—to processing or materials that do not affect compliance with any applicable specification.*