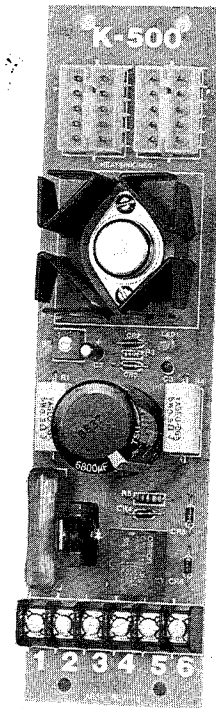


POWER CONDITIONER MODULE

MODEL K-500

- Filters and Regulates Power
- Reset Interrupted and Continuous Non-Interruptable Output
- 2 Amp Output
- Reduces Power Supply Requirements
- Fused Input
- Placement Supervision
- Power On indicator



Description

The Keller's Power Conditioner K-500 is designed to provide filtered, regulated DC power from unfiltered, unregulated DC power sources. Devices such as UV/IR controller, gas detection controllers, fiber optic controllers and 4-wire detection devices requiring clean resettable or non-resettable DC power may be powered by the K-500. When 24VDC input power for the K-500 is taken from the proper point on the control panel, battery backup is provided automatically to devices powered by the module. When operating on battery backup, some voltage drop across the K-500 will occur. This may affect how long the battery can supply power to the unit without the voltage dropping below the minimum operating voltage for the unit.

The K-500 may be used with any control panel providing a 24VDC unfiltered/unregulated power. Both interruptable and non-interruptable outputs may be used simultaneously as long as output current limitations are not exceeded.

The K-500 features a power on LED indicator which switches off upon activation of the reset feature. The reset feature may be externally activated via terminal #6.

Ground fault detection provided by the host control panel is continued through the module to devices powered by the K-500. As described by NFPA, devices powered by the K-500 should be properly supervised for power loss.

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Electrical Information

Current Input: Up To 2A @ 38V FWR
 Current Output: Up To 2A @ 28VDC

Ordering Information

Model #	Description	Ship. Wt.		Dimensions
		lbs.	kg.	
K-500	Filter/ Regulator Module	2	.45	9" H x 2 1/4" W x 2 1/4" D
STK-500	Snap Track/Mounting Kit	1	.22	9" H x 2 1/2" W x 1/2" D

Typical Wiring

