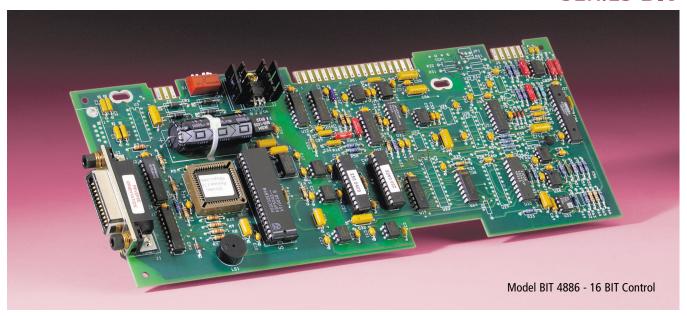
SERIES **BIT**



BIT MODEL TABLE					
SUFFIX ⁽¹⁾	MODEL(2)	DATE FORMAT	RESOL PRINCIPAL CHANNEL	UTION LIMIT CHANNEL	INPUT
-4882	BIT 4882 BIT 4882-F	GPIB	12 bits (binary)	12 bits (binary)	Talk-listen IEEE 488.2
-4886	BIT 4886	GPIB	16 bits (binary)	16 bits (binary)	Talk-listen IEEE 488.2
-TMA	BIT TMA-27	2-Wire serial	12 bits (binary)	12 bits (binary)	Talk-listen Serial bus (3)
-488-B	BIT 488-B	ASCII/Hex	12 bits (binary)	8 bits (binary)	Listen-only IEEE 488
-488-D	BIT 488-D	ASCII/Decimal	3-digit (BCD)	2-digit (BCD)	Listen-only IEEE 488
-232	BIT 232 BIT232-F	Serial: 8 data bits, no parity bit, 1 stop bit	_	_	Talk-listen RS 232-C

- (1) Add to model No. of the BOP to specify a factory-installed interface.
- (2) Use this designation when ordering separately for field installation.
- (3) Kepco's single address, multiple instrument bus.

BIT GENERAL SPECIFICATIONS						
Output Voltage	High range	0 to ± 10V				
(Main channel)	Low range	0 to ± 1.0V				
Output Voltage (Limit	0 to + 10V					
Output Current (Each	± 2.0mA max					
Output Impedance	<0.05 ohms					
Linearity Error (0 to +	± ½ LSB ⁽¹⁾					
Temperature	Full scale	± 35 PPM/°C max				
Coefficient	Zero, high range	± 20μV/°C max				
	Zero, low range	± 10μV/°C max				
Source Power	Supplied by host power supply					
Shipping Weight	3lb (1.4Kg)					

(1) ± 1 LSB for BIT 4886.

The Kepco bipolar power supplies in the 100W, 200W and 400W series are designed to accept a variety of internal digital interface cards.

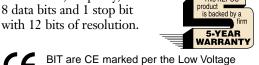
Talk-listen support for the IEEE 488.2 bus using SCPI is afforded by two plug-in cards: BIT 4882 is 12-bit with resolution of 1/212; BIT 4886 is 16-bit with resolution of 1/216. These cards allow BOP to communicate as a standalone instrument, directly on the GPIB.

Long range 2-wire serial control on a talk-listen basis is offered by the BIT TMA-27 card. This card enables the BOP to communicate as one of up to 27 power supplies on a 300M long 2 wire serial bus. This bus is the intermodel bus that Kepco uses for MAT and MST power supplies. It provides single address, multi-instrument control from any GPIB controller or from VXI or directly from a PC (with TMA PC-27 card).

The simplest are listen-only ASCII cards that will receive instructions on the IEEE 488 bus in either hexadecimal (B-series) or BCD (D-series). Three digit resolution (12- bits) is offered for the principal control and 2 digit (8-bits) for the limit control. To specify as a factory-installed option append suffix -488B or -488D or order for field installation as models BIT 488B or BIT 488D.

BIT 232 provides an RS 232 port for direct communication with a PC's serial ports. Baud rate is 9600, no parity, This KEPCO

8 data bits and 1 stop bit





Directive (LVD), EN61010-1.