The MAT attachment to Kepco’s PBX models provides meters (two, for voltage and current); adjustment, (a multturn voltage control); and terminals (pin jacks).

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DC OUTPUT RANGE</th>
<th>MAX. INPUT AMPS AT 1200 VRMS</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBX 7-2MAT</td>
<td>0-7</td>
<td>0-2</td>
<td>$160.00</td>
</tr>
<tr>
<td>PBX 15-1.5MAT</td>
<td>0-15</td>
<td>0-1.5</td>
<td>$160.00</td>
</tr>
<tr>
<td>PBX 21-1MAT</td>
<td>0-21</td>
<td>0-1</td>
<td>$160.00</td>
</tr>
<tr>
<td>PBX 40-0.5MAT</td>
<td>0-40</td>
<td>0-0.5</td>
<td>$160.00</td>
</tr>
<tr>
<td>PBX 72-0.3MAT</td>
<td>0-72</td>
<td>0-0.3</td>
<td>$160.00</td>
</tr>
<tr>
<td>PBX 100-0.2MAT</td>
<td>0-100</td>
<td>0-0.2</td>
<td>$160.00</td>
</tr>
</tbody>
</table>

SPECIFICATIONS: Same as for regular PBX Models; see Kepco Catalog B-663.

CASES:
- CA-3—Single slot housing w/plug board .... $18.00
- CA-4—Double slot housing w/plug board .... $24.00
- CA-5—Triple slot housing w/plug board .... $30.00

RACK CABINET:
- RFP 22-6—Six slot housing w/plug board* $20.00
- RFP 22-1—Single filler panel for RA 22-6 5.00
- RFP 22-2—Double filler panel for RA 22-6 5.00
- RFP 22-3—Triple filler panel for RA 22-6 5.00
- BPA-22—Blank panel assy. w/ slide plate 10.00
- PC-2—Plug-in adapter ....................... 8.00

* For plug-in convenience in the RA-22-6, use (1) PC-3 per slot.
Independently powered overvoltage crowbar prevents the output voltage from exceeding a preset voltage under any failure condition. The crowbar shorts the output through a Silicon Controlled Rectifier (SCR).

<table>
<thead>
<tr>
<th>MODELS</th>
<th>USE WITH</th>
<th>PRICE**</th>
</tr>
</thead>
<tbody>
<tr>
<td>VP-PAR</td>
<td>ALL KEPCO PAR MODELS, 3–80V DC</td>
<td>$65.00</td>
</tr>
<tr>
<td>VP-PWR</td>
<td>ALL KEPCO PWR MODELS, 3–80V DC</td>
<td>65.00</td>
</tr>
<tr>
<td>VP-PX-1</td>
<td>KEPCO PAX &amp; PBX MODELS, 3–80V DC</td>
<td>65.00</td>
</tr>
<tr>
<td>VP-PX-2</td>
<td>KEPCO PAX &amp; PBX MODELS, 3–160V DC</td>
<td>65.00</td>
</tr>
</tbody>
</table>

**Power supplies may be ordered with the overvoltage protector factory installed. Charges are $25.00 each for 1 thru 11, $10.00 each for 12 thru 23, and $3.00 each for 24 or more.

SPECIFICATIONS:

OPERATING LEVEL:
The trigger point may be set to within 5% or 0.25V* of power supply setting.

TEMPERATURE COEFFICIENT:
0.1% or 0.1V* per °C.

TRIGGERING TIME, (adjustable delay):
Range of Adjustment: 10 to 120 microseconds

REMODEL ERROR SENSING:
Compensates up to 1 volt per output lead.

Triggering Time, (adjustable delay):

- 10 to 30 microseconds: 20% or 1 volt
- 20 to 60 microseconds: 10% or 0.5 volt
- 40 to 120 microseconds: 5% or 0.25 volt

All terms used in the specifications are defined in the Kepco Glossary. Refer to Kepco's Catalog or Handbook.

KEPCO, INC. • 131-38 SANFORD AVENUE • FLUSHING, N.Y. 11352 • (212) 461-7000 • TWX #710-582-2631 • Cable: KEPCOPOWER NEW YORK
MODEL OPS 2000 – 0-2000V / 0-10mA

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>OFFSET VOLTAGE ($\Delta E_{\text{ref}}$)*</th>
<th>OFFSET CURRENT ($I_{\text{ref}}$)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINE: (105-125V AC)</td>
<td>&lt;100 microvolts</td>
<td>&lt;10 nanoamperes</td>
</tr>
<tr>
<td>LOAD: No load/full load</td>
<td>&lt;1 millivolt</td>
<td>&lt;10 nanoamperes</td>
</tr>
<tr>
<td>TIME: (8 hr.) (Stability)</td>
<td>&lt;10 microvolts</td>
<td>&lt;50 nanoamperes</td>
</tr>
<tr>
<td>TEMP.: Per°C (Coefficient)</td>
<td>&lt;50 microvolts</td>
<td>&lt;50 nanoamperes</td>
</tr>
</tbody>
</table>

* $E_{\text{ref}}$ is the offset voltage. $I_{\text{ref}}$ is the offset current referred to the input of the voltage compensation amplifier.

OUTPUT: 0-2000V DC, 0-10 milliamperes

SLEWING RATE: 500,000 volts per second.

DC VOLTAGE GAIN: 80 db.

RIPPLE: 60 db below peak output or 3 millivolts.

TRANSIENT RESPONSE:
Voltage Mode (for step load current): Recovery is an exponential with 50 microsecond time constant.

Current Mode (for step load voltage): Recovery is at the rate of 0.5 volts per microsecond.

DIMENSIONS: OPS-2000 shares most of the specifications of the Kepco OPS Group, except size, which is 51/4"H x 83/8"W x 13/16"D (behind panel).

Case: Gray hammertone. Rack adapters available.

PRICE: $350.00

*whichever is greater

Data subject to change without notice

PATENT NOTICE: Applicable Patent Nos. will be supplied on request.