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## OV-12/24 SERIES INSTALLATION INSTRUCTIONS

VOLTAGE ADJUSTMENT RANGE: 6.2 – 33VDC

ADJUSTMENT PROCEDURE:

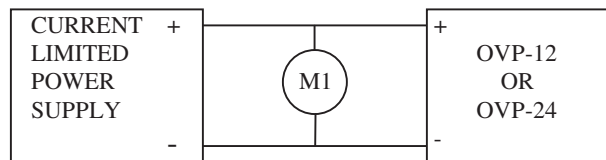
1. REFER TO CHART 1 FOR SUGGESTED OVP TRIGGER VOLTAGES.
2. CONNECT TEST CIRCUIT AS SHOWN IN FIGURE A. TEST VOLTAGE SOURCE MAY BE ANY POWER SUPPLY WITH A SHORT CIRCUIT LIMIT OF LESS THAN 8 AMPS (OVP-12) OR 20 AMPS (OVP-24).
3. ENERGIZE AND ADJUST THE TEST VOLTAGE SOURCE TO THE DESIRED OVP VOLTAGE.
4. ROTATE THE OVP ADJUSTMENT POT CCW (FROM ITS MAXIMUM CW POSITON) UNTIL THE OVP FIRES AS INDICATED BY A BY A 1 VOLT READING ON M1. LEAVE THE POT IN THIS POSITION, UNIT IS NOW READY FOR INSTALLATION INTO POWER SUPPLY.
5. BOLT THE OVP ONTO THE POWER SUPPLY USING THE MOUNTING HOLES PROVIDE. CONNECT THE WHITE (+) LEAD TO THE POSITIVE OUTPUT AND THE BLACK (-) LEAD TO THE NEGATIVE OUTPUT.

| MODEL  | INTERMITTENT | CONTINUOUS |
|--------|--------------|------------|
| OVP-12 | 12A          | 8A         |
| OVP-24 | 30A          | 20A        |

CHART 1

| POWER SUPPLY<br>OUTPUT VOLTAGE | SUGGESTED OVP<br>TRIGGER VOLTAGE |
|--------------------------------|----------------------------------|
| 5 VDC                          | 6.2+/-0.4V                       |
| 6 VDC                          | 7V                               |
| 12 VDC                         | 14V                              |
| 15 VDC                         | 17V                              |
| 18 VDC                         | 21V                              |
| 20 VDC                         | 23V                              |
| 24 VDC                         | 27V                              |
| DUAL +/-12 VDC                 | 27V                              |
| DUAL +/- 15 VDC                | 33V                              |

FIGURE A



Condor DC Power Supplies Inc. will not be liable for the safety, reliability or performance of these power supplies if a) any changes, modifications or repairs are carried out by other than authorized agents of Condor DC Power Supplies Inc., or b) the installation of the supply is not in accordance with these installation instructions and the applicable UL, CSA, EN, and IEC safety standards.