AUTOMATIC OVP RESET CIRCUIT - MODEL OVPR-12V

OVPR-12V
When installed in a 12vdc power supply the OVPR-12V will automatically reset the power supply if the over voltage protection circuit is tripped by lightining or line transients.

INSTALLATION
Mount pc board using capicactor clamp leg screw or mount to bottom of chassis.
Solder red wire to + of large capicator (+24VDC)
Solder black wire to - of large capicator (GROUND)
Solder white wire to point 2 on pcb (+ 13.8 vdc).
Solder yellow wire to pin 13 of LM723.

TEST
The OVPR reset circuit may be tested by momentarily placing a 1K resistor across R7. This will raise the output voltage above 16VDC and will trigger the SCR which will clamp the output voltage.
As soon as the 1k resistor is removed the output voltage will automatically reset to 13.8VDC.
Figure 3

OVPR-12 V