



## OVP782 OVER-VOLTAGE PROTECTION MODULE

### Features

- Disconnects load from source when over-voltage condition occurs
- Fast response time (<500usec)
- LED fault even indication
- Manual reset button
- Failsafe operation
- Integrated current shunts

### Summary

Phillips' OVP782 over-voltage protection module automatically disconnects source from load if an over-voltage condition occurs. The rapid response time of the OVP782 helps reduce the risk of damage to the load. An LED indicates when a fault condition has occurred and a manual reset button must be pressed to re-connect the source to load. If the OVP782's power supply is interrupted, it defaults to the source/load disconnected condition.

The OVP782 also integrates high and low site current shunts, allowing the user to measure input and output current using external test equipment. An isolation relay option allows for remote control connect / disconnect capability independent of the over-voltage functions.

Custom versions of the OVP782 are available to our customers. Please contact the factory for further information.



OVP782 Front Panel



OVP782 Rear Panel

### Specifications

Dimensions: 1.75"H x 7.8"D x 8.25"W  
Power: 12V @ 500mA

Connectors:

In/Out: Banana Jacks  
Shunt: Tip Jacks  
Control: Signatron 2MJ-20416000  
1 & 2=relay control h/l  
3 & 4=reset cmd contact  
5 & 6=fault indicator out

Capacities:

-1 Config 40VDC @11A  
-2 Config 190VDC @11A  
-3 Config 40VDC @40A  
-4 Config 40VDC @3A

Vtrip Accuracy:

+/-1%  
Tresponse\*: 500usec

\*(overvoltage condition to lines open)

Shunts:

-1 Config 0.010Ω @ 1%  
-2 Config 0.010Ω @ 1%  
-3 Config 0.005Ω @ 1%  
-4 Config 0.250Ω @ 1%

### Ordering Information

Part Number: 782-10AC-BBB

A: 0=no relay, 1=relay

C: 1=40VDC @11A  
2=190VDC @11A  
3=40VDC @40A  
4=40VDC @3A

BBB: specify trip level in volts

Example: 782-1011-037 (40VDC @11A unit with isolation relay and trip level set to 37V)