



RLH Industries, Inc.
2-Wire POTS Power Coupler (48V)
P/N 8806-1252-02

Description

The 2 Wire POTS Power Coupler P/N 8806-1252-02 uses a separate 48V DC supply to locally power an RLH 2-Wire CO card while isolating the 2-Wire line from the 48V supply. A transformer is used to pass voice frequencies. Solid state relay contacts on the line side of the coupler duplicate Off-Hook and Pulse Dialing output from the CO card. When Ring signals are detected, solid state relay contacts bypass the coupling transformer and apply the ring signals directly to the CO card.

The 2 Wire POTS Power Coupler can be used when the Off-Hook DC voltage between Tip and Ring is below 17 volts DC.

L.E.D Indicators

Blue- DC Power

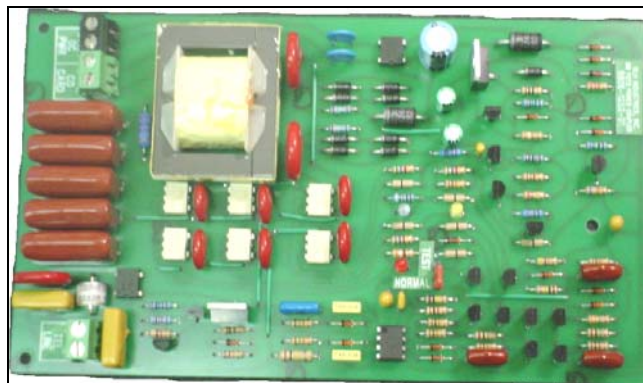
Yellow- Ringing

Red- CO card off hook

Test Jumper

Normal position, power coupler is in normal operation.

Test position, puts the card into ring detect mode (Yellow L.E.D is on) CO card is connected directly to telephone line. The simplex powering function is bypassed.



8806-1252-02 PCB