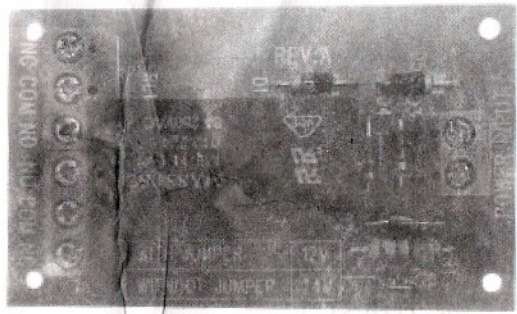


UNIVERSAL RELAY OPERATING INSTRUCTIONS

Model
ERM-01



- 12 or 24 Volt AC / DC operation
- Low coil current - Less than 35 mA @ 12 VDC (<17 mA @ 24 VDC)
- Dual form "C" relay outputs (Contacts rated 8 Amps @ 250 VAC)

The ERM-01 Provides An Easy Way To Cope With Connection And Control Incompatibility In Alarms, Intercoms, Etc.. Use It To:

- Reverse Signal Polarity
- Isolate Load From Device Output
- Use Momentary Trigger For Sustained Contact
- Create Safety Interlock For Sensitive Equipment
- Control High Current Application With Low Current Contacts
- Control High Voltage Application With Low Voltage Contacts
- Or Nearly Any Relay Application Your Imagination Can Come Up With

BOARD LAYOUT

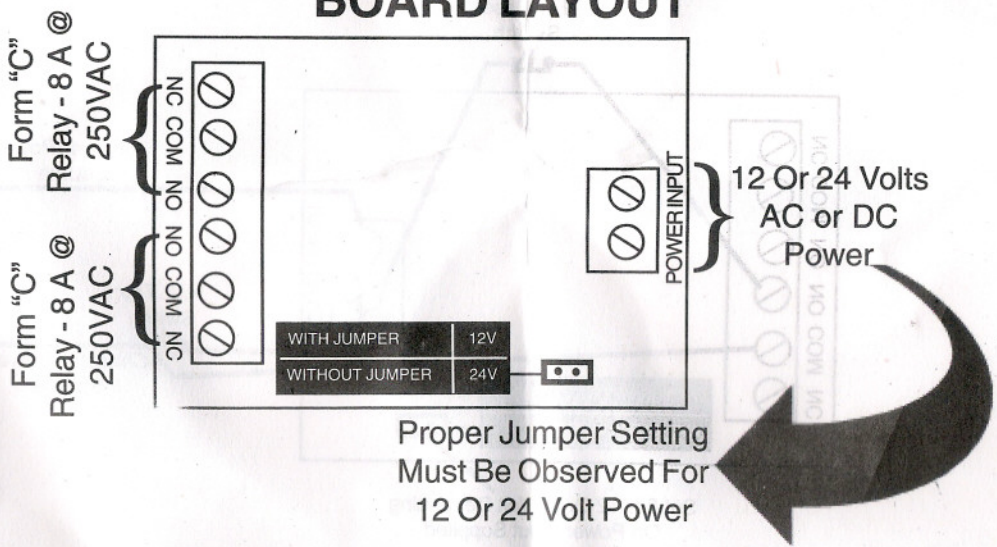
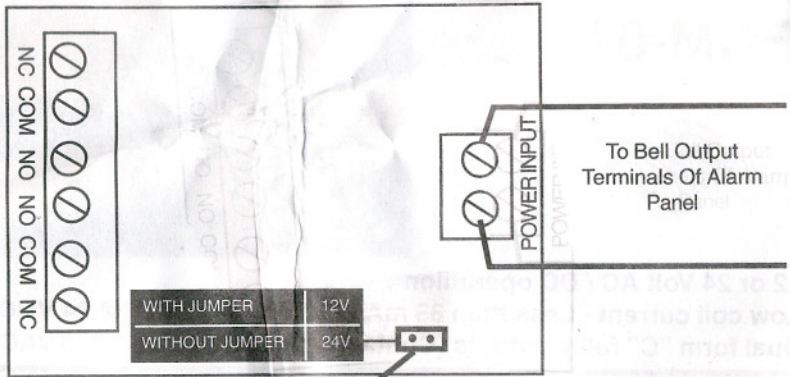


DIAGRAM #1: DRY CONTACTS

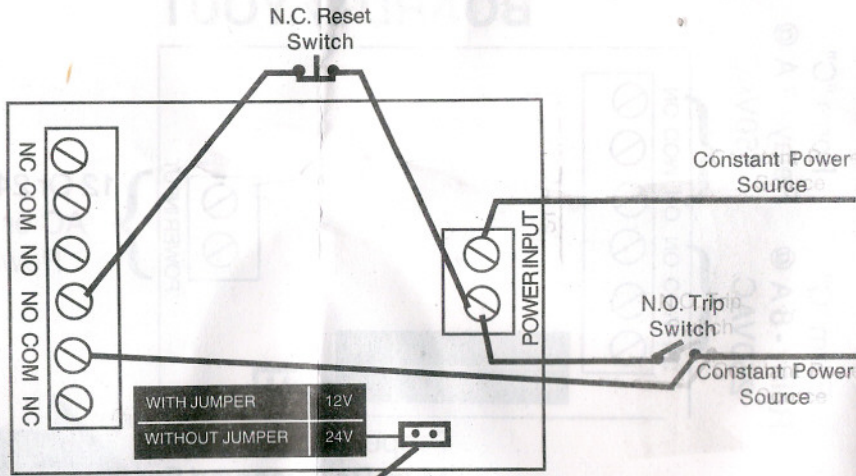
Voltage Output From Alarm Or Similar Device Causes Contact Points To Transfer With Load Isolated From Trigger



Set For 12 Or 24 Volt Depending
On Power Input Supplied

Contact Closure Of Trip Switch Causes Contact Points To Transfer Until Reset Switch Is Opened

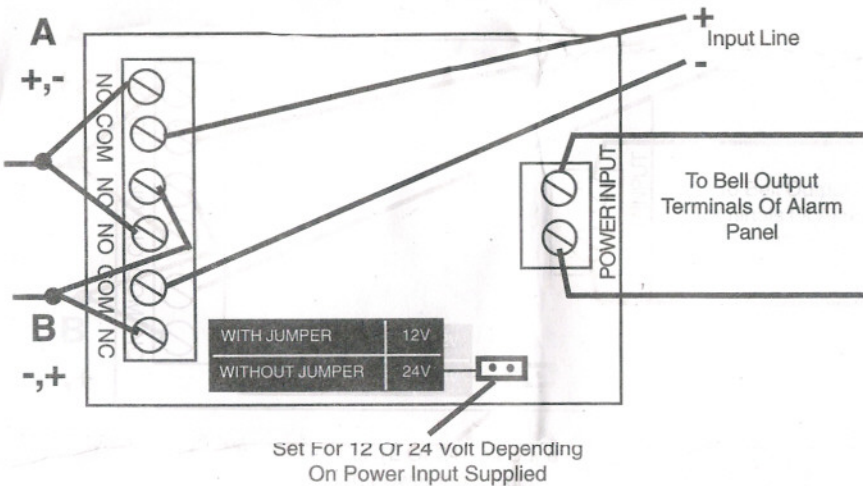
DIAGRAM #2: LATCHING DRY CONTACTS



Set For 12 Or 24 Volt Depending
On Power Input Supplied

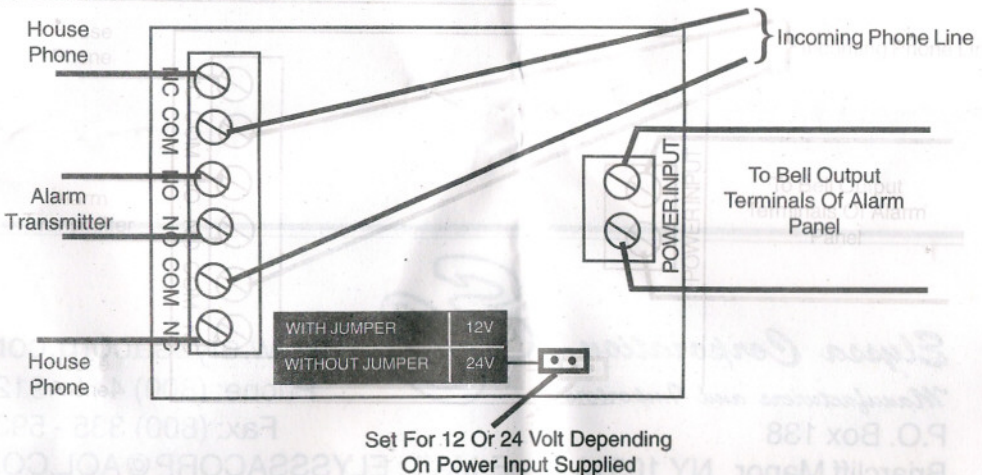
DIAGRAM #3: POLARITY REVERSAL

Voltage Output From Alarm Or Similar Device Causes Contact Points To Transfer Reversing Polarity Of Input Line (Output A Is Positive Until Power Is Applied, And Output B Is Negative; After Power Is Applied, Output A Is Negative, And Output B Is Positive).



Voltage Output From Alarm Or Similar Device Causes Contact Points To Phone Line From House Phone To Alarm Transmitter, Preventing Blocking Of Outgoing Alarm Message.

DIAGRAM #4: LINE SEIZURE



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