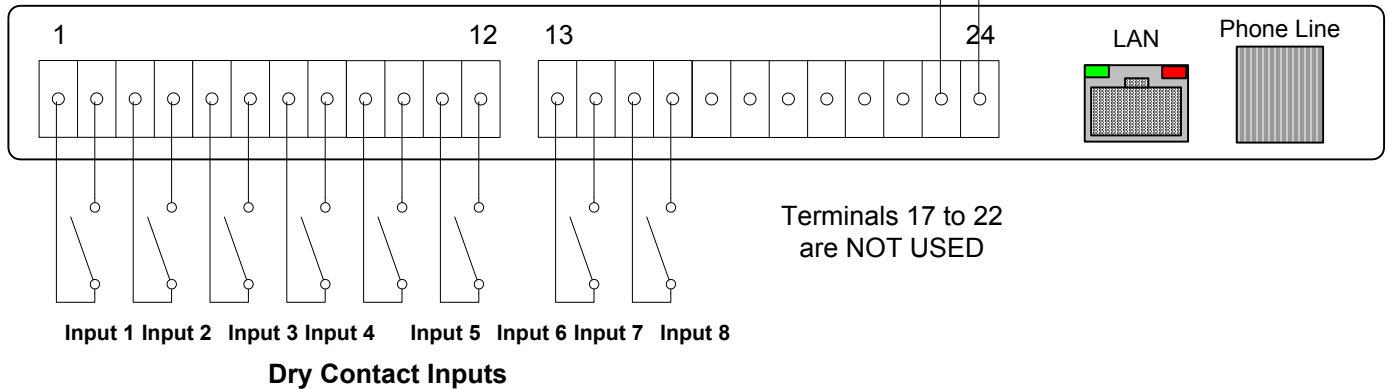


Wiring Diagram (side view of enclosure)**Terminal Block Designations**

The terminal blocks on the front of the enclosure are removable. To remove the terminal block pull straight out.

Input Guard Model VM500-6

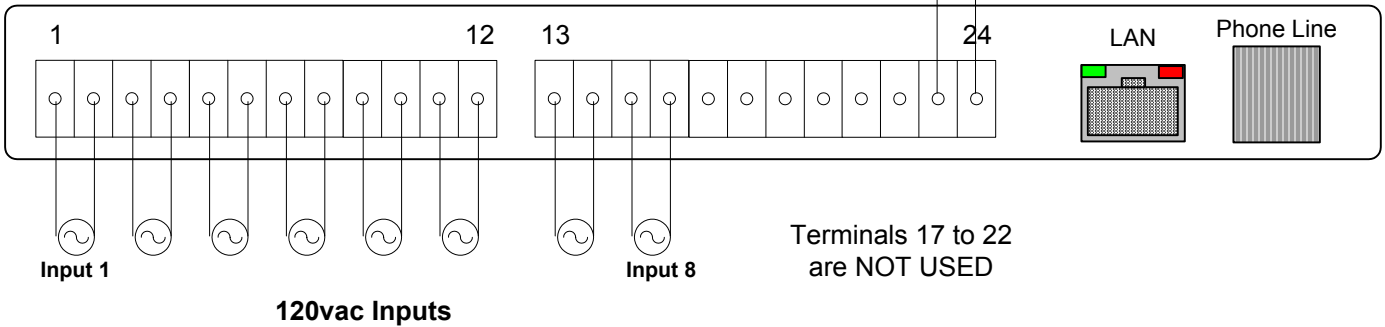
Connect only dry contact inputs to model VM500-6. The VM500-6 sources 12vdc and is current limited to 10ma. The contacts can be located thousands of feet away using 22awg wire.

Testing the Inputs

To verify that the inputs are recognized by the VM500-6, remove the cover. Each input has an LED to indicate if an input is active or not. The LED will turn on whenever an input is active. For dry contact inputs, the LED will turn on when the contacts are closed.

Surge Protection

It is recommended that a surge suppressor be used for the wall plug power adapter and the phone line.

Wiring Diagram (side view of enclosure)**Terminal Block Designations**

The terminal blocks on the front of the enclosure are removable. To remove the terminal block pull straight out.

Input Guard Model VM500-6HV

The model VM500-6HV accepts a/c voltages from 90vac to 135vac. Input current is limited internally by a 43k resistor. Each input circuit is isolated from the other and from the units own power source.

Extreme caution must be used when wiring 120vac to the Input Guard. Verify that no strands of wire are touching each other or are exposed.

Testing the Inputs

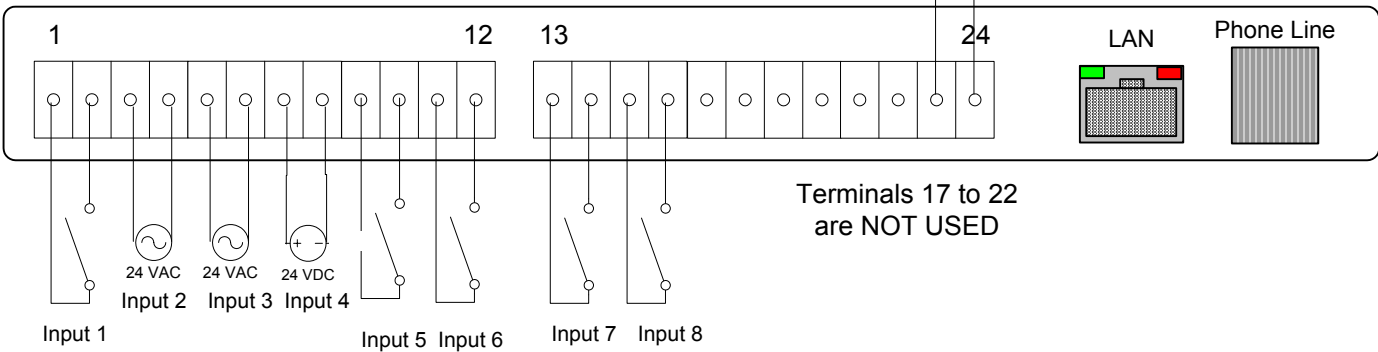
To verify that the inputs are recognized by the VM500-6HV, remove the cover. Each input has an LED to indicate if an input is active or not. The LED will turn on whenever 120vac is applied.

Surge Protection

It is recommended that a surge suppressor be used for the wall plug power adapter and the phone line.

Wiring Diagram (side view of enclosure)

Terminal Block Designations



The Inputs are switch selectable to be dry contact or 24v ac/dc inputs

The terminal blocks on the front of the enclosure are removable. To remove the terminal block pull straight out.

Input Guard Model VM500-6LV

Each input of the VM500-6LV is switch selectable to be either a 24vac/dc input or a dry contact input. The VM500-6LV comes shipped from the factory with all switches set to the 24vac/dc input type.

Setting the Input Type Select Switches

- Turn off the power to the unit.
- Remove the four screws holding the cover of the VM500-6LV.
- The eight switches are located on the center of the board and there is one for each input. Input 1 Type Select Switch is on the far left, and Input 8 Type Select Switch is on the far right.
- Switch is on the far left, and Input 8 Type Select Switch is on the far right.
- For dry contact inputs, move the switch to the UP position.
- For 24vac/dc inputs, move the switch to the DOWN position.

For the example above, the Input Type Select Switches for inputs 1, 4, 5, 6, 7, 8 must be in the up position. For inputs 2 and 3 the switches must be in the down position.

Testing the Inputs

To verify that the inputs are recognized by the VM500-6LV, remove the cover. Each input has an LED to indicate if an input is active or not. The LED will turn on whenever an input is active. For dry contact inputs, the LED will turn on when the contacts are closed. For 24vac/dc inputs, the LED will turn on whenever the voltage is applied.

Surge Protection

It is recommended that a surge suppressor be used for the wall plug power adapter and the phone line.