



INSTALLATION INSTRUCTIONS

VAKPU AND VWKPU VOLTAGE MONITORING RELAYS 901-0000-115

February 2006

(New)

INSTALLATION & WIRING

Please refer to instructions provided on the carton for information on installing & wiring this unit.

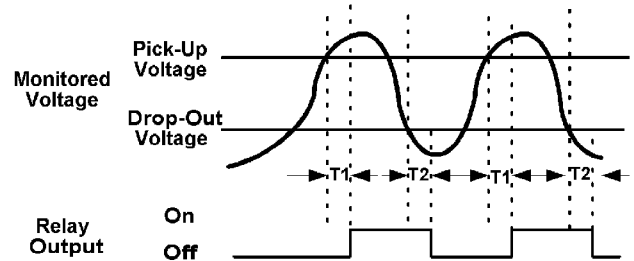
PRODUCT SET-UP

Locate the appropriate product number (see nameplate on product) below or on the back for information on how to set-up the product:

VAKPU Over/Under Voltage Relay

Set the Nominal Voltage knob to the actual voltage. Adjust the pick-up setting to between 85% and 115% of the nominal voltage setting of the unit. Then adjust the drop-out setting between 80 & 95% of the pick-up setting. Set the time delays for both pick-up and drop-out to between 0.1 & 10 seconds. The relay energizes (and the LED is Red) when the monitored voltage is above the pick-up setting for a period longer than the set time delay (T1).

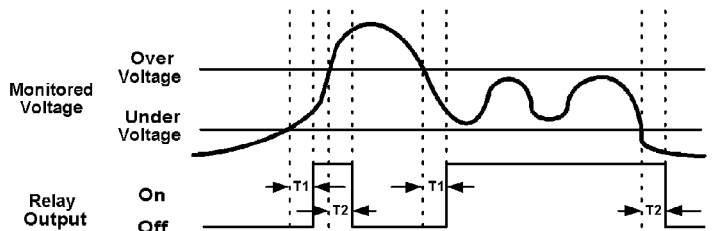
The relay de-energizes (and the LED is Green) when the monitored voltage is below the drop-out setting for a period longer than the set time delay (T2).



(Continued on Next Page)

VWKPU Voltage Band Relay

Set the Nominal Voltage knob to the actual voltage. Adjust the overvoltage setting to between 100 & 125% of the nominal voltage setting. Then adjust the under voltage setting between 75 & 100% of the nominal voltage setting of the unit. Set the time delays for both pick-up and drop-out between 0.1 & 10 seconds. The relay energizes (and the LED is Red) when the monitored voltage is between the over & under voltage settings for a period longer than the set time delay (T1). The relay de-energizes (and the LED is Green) when the monitored voltage falls outside the over or under voltage settings for a period longer than the set time delay (T2) & monitored voltage remains.



Warranty

All products manufactured by Macromatic are warranted to be free from defects in workmanship or material under normal service and use for a period of five (5) years from date of manufacture.

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