

D65VMRP Series Over/Under Voltage

Adjust the pick-up setting between 75% and 125% of the nominal voltage rating of the unit. The drop-out setting is fixed at 95% of the pick-up setting. The relay energizes (and the LED is Red) when the monitored voltage is above the pick-up setting. The relay de-energizes (and the LED is Green) when the monitored voltage is below the drop-out setting.

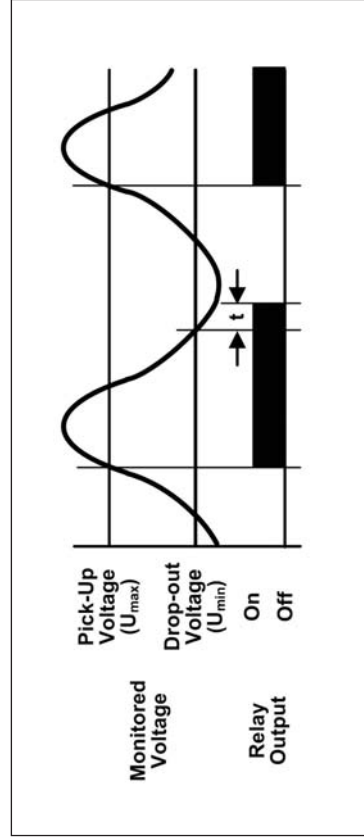


Figure 3. Over/Under Voltage

D65VAKP Series Over/Under Voltage

Adjust the pick-up setting between 75% and 125% of the nominal voltage rating of the unit. Then adjust the drop-out setting between 75% & 95% of the pick-up setting. Set the time delay on drop-out between 0.1 & 10 seconds. The relay energizes (and the LED is Red) when the monitored voltage is above the pick-up setting. 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 (T).

Troubleshooting

If the unit fails to operate properly, check that all connections are correct per the appropriate wiring diagram.

If problems continue, contact the Eaton Technical Resource Center (TRC) at 1-877-ETN-CARE (386-2273) Option 2 for assistance.



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Installation Instructions for D65V Series Voltage Monitoring Relays

Installation and Wiring

Please refer to Figure 1 for information on installing & wiring this unit.

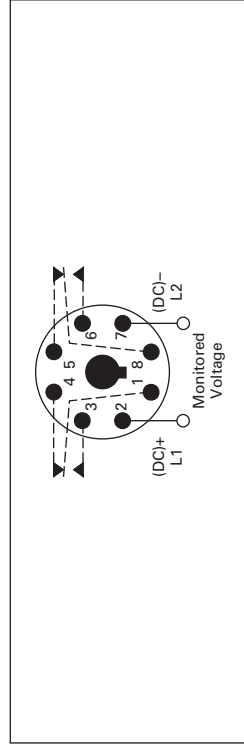


Figure 1. Wiring for 8-Pin Socket

Product Setup

Refer to the appropriate series below for information on how to set up the product:

D65VWKP Series Voltage Band

Adjust the over voltage setting between 100 & 125% of the nominal voltage rating of the unit. Adjust the under voltage setting between 75 & 100% of the nominal voltage rating of the unit. Set the time delay on 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. 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 (T) & monitored voltage remains.

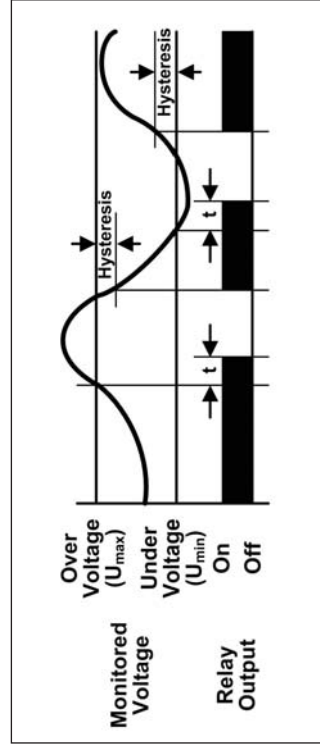


Figure 2. Voltage Band