



*Voltage Band Monitor*

## OPERATION

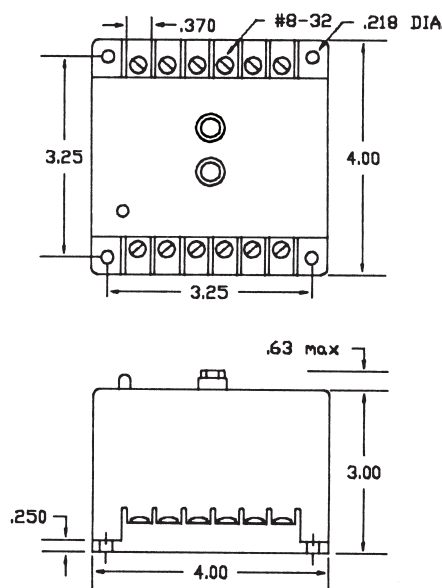
**Lo-Limit:** If the monitored input voltage drops below the "lo-limit drop-out" voltage, the under-voltage sensor de-energizes the output relay. When the under voltage rises to the "lo-limit pick-up" voltage, the under-voltage sensor energizes the output relay.

**Hi-Limit:** If the monitored input voltage rises to the "hi-limit drop-out" voltage, the over-voltage sensor de-energizes the output relay. When the over-voltage drop to the "hi-limit pick-up" voltage, the over voltage sensor energizes the output relay.

## SPECIFICATIONS

<b>NOMINAL VOLTAGE</b>	24/28 VDC	
<b>LOW LIMITS</b>	Pick-up	20 to 26 VDC, Adjustable. Factory Set @ 22 VDC
	Drop-out	17 to 23 VDC, (Tracks 3 VDC Below Pick-up)
<b>HIGH LIMITS</b>	Drop-out	29 to 35 VDC, Adjustable. Factory Set @ 33 VDC
	Pick-up	26 to 32 VDC, (Tracks 3 VDC Below Drop-out)
<b>RESPONSE TIMES</b>	Pick-up	100 mSeconds (Approximately)
	Drop-out	0.5 Seconds (Approximately)
<b>TEMPERATURE</b>	Operate	-18° to 149°F (-28° to 65°C)
	Storage	-49° to 185°F (-45° to 85°C)
<b>OUTPUT</b>	DPDT Relay, 5 Amps @ 240 VAC or 24 VDC, Resistive	
<b>POWER REQUIRED</b>	3 Watts (Approximately)	
<b>ENCLOSURE</b>	Style "E"	

## DIMENSIONS (INCHES)



## ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
VBA-1189	Voltage Band Monitor