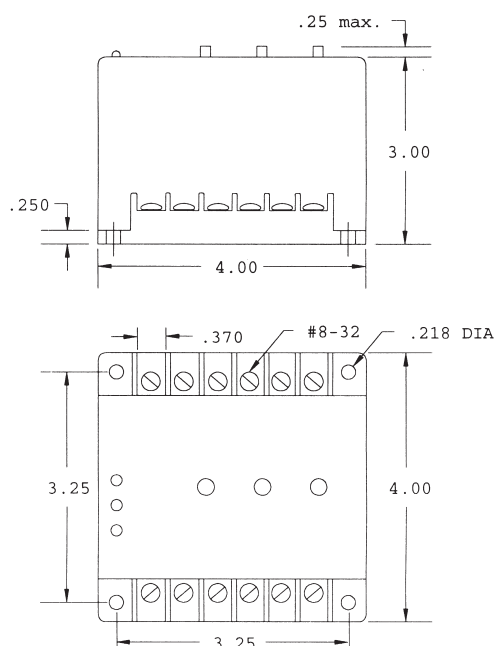
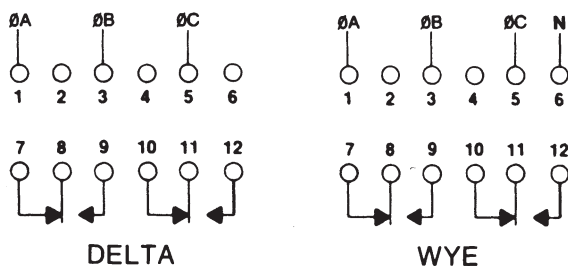


## True RMS Voltage Band Monitor

### DIMENSIONS (INCHES)



### WIRING



In today's industrial environment, Line Noise and Power Line Harmonics are becoming an increasing problem. **TRUE-RMS** detection may be necessary for achieving accurate Line Voltage measurement.

### OPERATION

With normal operating voltages applied in the proper ABC sequence, the internal relay will energize (PICK-UP). When the voltages on any or all phases fall outside the preset Over/Under trip points for longer than the Drop-Out Time delay, the relay will de-energize (DROP-OUT). When line conditions return to normal, the PBE Series Monitor automatically resets and the internal relay energizes.

The PBE Series is UL Listed under UL File Number E55826.

### SPECIFICATIONS

OUTPUT RATING	DPDT, 10 Amps Resistive, 1/4 HP 278VA @ 240 VAC		
RESET	Automatic		
PHASE SEQUENCE	ABC (Will Not Operate CBA)		
HYSTERESIS	2%		
REPEAT ACCURACY	0.1% @ Fixed Condition		
INDICATORS LED	Glows On Fault; (1) For Over, (1) For Under, (1) For Sequence		
RESPONSE TIMES	Operate	200 mSEC (approx.)	
	Release	0.2 to 30 SEC, Adjustable	
TEMPERATURE RATING	Operate	32° to +104°F (0° to +40°C)	
	Storage	-49° to 185°F (-45° to +85°C)	
ENCLOSURE	Style "E" LEXAN® Surface Mount		
WEIGHT	14 oz.		

#### DELTA CONNECTED

MODEL NUMBER	MAXIMUM VOLTAGE	ADJUSTABLE RANGES	
		UNDER	OVER
PBE-120-ASE	155 VAC	90-120	120-150
PBE-230-ASE	275 VAC	185-240	208-265
PBE-400-ASE	485 VAC	325-385	415-475
PBE-440-ASE	550 VAC	390-480	440-540
PBE-480-ASE	570 VAC	400-490	460-560
PBE-575-ASE	700 VAC	500-610	540-690

All voltages referenced on this page are phase-to-phase, unless otherwise indicated.

#### WYE CONNECTED

MODEL NUMBER	MAXIMUM VOLTAGE	ADJUSTABLE RANGES (Phase to Neutral)	
		UNDER	OVER
PBE-120/208-ASE	160 VAC, P to N 277 VAC, P to P	90-120	120-150
PBE-220/380-ASE	260 VAC, P to N 450 VAC, P to P	185-220	220-255
PBE-277/480-ASE	326 VAC, P to N 565 VAC, P to P	235-277	277-320

All voltages referenced on this page are phase-to-phase, unless otherwise indicated.