

# DIGITAL PHASE ANGLE METER

TYPE 382-B

## SALIENT FEATURES

- ❖ Digital display with 0.1 deg. resolution.
- ❖ Ideal for power systems at 50-60 Hz.
- ❖ Wide Voltage & Current range
- ❖ Lead /Lag Indication
- ❖ Direct reading from 0 to 180.0 degrees.



Type 382-B is a compact direct reading instrument suitable for the measurement of Phase Angle between Voltage/Voltage, Voltage/Current and Current/Current.

Instrument is useful for R&D labs, power stations and similar setups. The instrument indicates with a resolution of 0.1 Degree.

The instrument operates on 230V-50Hz. The design utilizes ICs and solid state devices. The digital display gives direct reading from 0-180° indicating LEAD/LAG on LEDs. Instrument is housed in an aluminum cabinet.

## TECHNICAL SPECIFICATIONS

<i>Inputs(E1 &amp; E2)</i>	:	Voltage 60-440V-50/60 Hz. Current 1-5 Amp.
<i>Measuring Range</i>	:	0 to 180.0 Degrees.
<i>Resolution</i>	:	0.1 Degree.
<i>Display</i>	:	7 Segment LED.
<i>Accuracy</i>	:	$\pm 1\%$ of full scale $\pm 2$ digits.
<i>Input Isolation</i>	:	Both inputs V & I are fully isolated.
<i>Power Source</i>	:	230V $\pm 10\%$ , 50 Hz.
<i>Dimensions</i>	:	330mm X 225mm X 110mm
<i>Weight</i>	:	4 Kg. Approx.

DATA SHEET 82/0606



**PEARL ELECTRONICS & POWER SYSTEMS**

C-17, INDUSTRIAL ESTATE ROORKEE-247 667 (UTTRANCHAL) INDIA  
Tel. : +91-1332-269659, Fax : +91-1332-263152