



Innovation to Engineering

DPAM-3 Digital Phase Angle Meter



Testing Made Organised, Reliable, Simpler & Faster

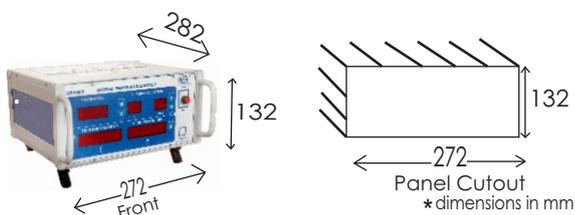


FEATURES

- Measures angle between any phase of Voltage-Voltage Current-Current & Voltage-Current
- Measures Voltage and Ampere of Each Phase
- DSP Based True RMS Technology
- User Friendly interface
- Accurate & Reliable
- Big LED Display For Specific Parameters
- Accuracy Class 0.2
- The High Speed Simultaneous Sampling of All the Channels



DIMENSION



APPLICATIONS

1. It is commonly used for phasing out circuits
2. Checking poly-phase metering installations, testing and calibrating protective relays.
3. Checking differential relay schemes and verifying the polarity of current and potential transformers



TECHNICAL SPECIFICATION

Auxiliary power	230V \pm 20% , 50 Hz
AC Input voltage	600 V AC
AC Input Current	20 Amp. AC
Display	2.0 - 200V
Parameters	Voltage (V) - VR, VY & VB Current (A) - IR, IY & IB Phase Angle- Between any combination of V-V, V-I & I-I of any Phase
Resolution	For Voltage: 0.1V For Current: 0.001A For Phase Angle: 0.1 Degree
Accuracy	For Volt & Amp. : Class 0.2 For Phase Angle: \pm 1 Degree
Measurement	Volt. & Amp. - True RMS Measurement Phase Angle Zero Crossing Based
Dimension (mm)	272(W)x132(H)x282(D)



ANGLE BETWEEN PHASES

Voltage - Voltage :

$R_v - R_v = 0$	$Y_v - Y_v = 0$	$B_v - B_v = 0$
$R_v - Y_v = 120$	$Y_v - R_v = 240$	$B_v - R_v = 120$
$R_v - B_v = 240$	$Y_v - B_v = 120$	$B_v - Y_v = 240$

Current - Current :

$R_A - R_A = 0$	$Y_A - Y_A = 0$	$B_A - B_A = 0$
$R_A - Y_A = 120$	$Y_A - R_A = 240$	$B_A - R_A = 120$
$R_A - B_A = 240$	$Y_A - B_A = 120$	$B_A - Y_A = 240$

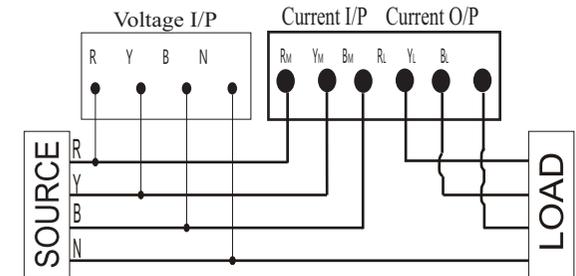
Voltage - Current :

$R_v - R_A = 0$	$Y_v - R_A = 240$	$B_v - R_A = 120$
$R_v - Y_A = 120$	$Y_v - Y_A = 0$	$B_v - Y_A = 240$
$R_v - B_A = 240$	$Y_v - B_A = 120$	$B_v - B_A = 0$

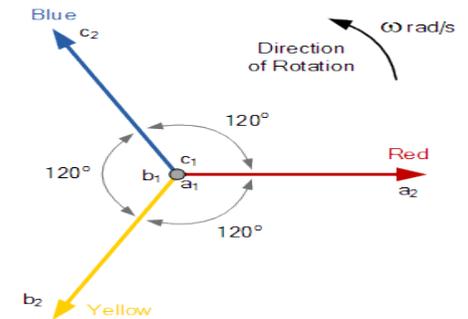
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$R_A - B_v = 240$	$Y_A - B_v = 120$	$B_A - Y_v = 240$

Terminal Connection



Connect Auxiliary Supply for powering the meter from the side.



Other Related Products

- 1- Automatic Turns Ratio Meter/Flash (ATRI-3F)
- 2- Three Phase Power Analyzer (DPATT-3Bi)
- 3- Double Voltage Double Frequency (DVDF-1)

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