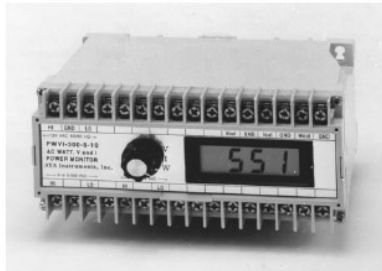


PWHVID and PWHD Hall-Effect Power Monitors with Digital Display

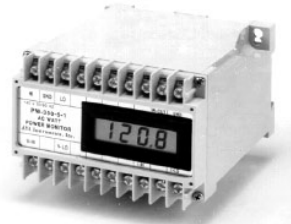
PWHVID

Hall Effect Power
Monitor



PWHD

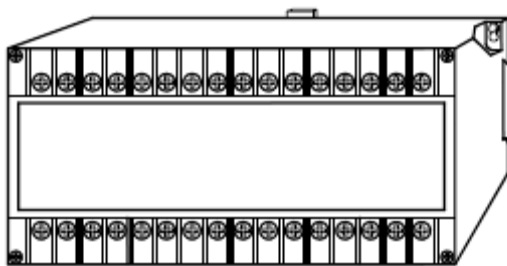
Hall Effect Power
Monitor



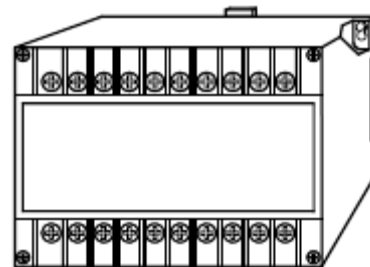
The **PWHVID and PWHD Power Monitors** are precision **Hall-Effect** instruments designed for continuous monitoring of electrical parameters in single-phase electric networks. The monitored parameters can be displayed on a 3-1/2 digit liquid crystal display unit located on the front panel. The instruments are packaged in DIN-type enclosures for easy installation on DIN-Rails or on flat surfaces. They can be used with external potential and current metering transformers.

The **PWHVID** power monitor simultaneously measures the **REAL ACTIVE POWER**, the **TRUE RMS VOLTAGE** and the **TRUE RMS CURRENT**, independent of the power factor or the signal waveforms. It provides three simultaneous DC output signals for external logging, control or analysis. A three-position switch enables the user to select the parameter to be displayed.

The **PWHD** monitor measures the **REAL ACTIVE POWER in WATTS**, independent of the power factor or the signal waveforms. It provides a single DC output signal.



Size E
5.9" x 2.9" x 4.4"



Size D
3.95" x 2.9" x 4.4"

Hall-Effect Power Monitors

0.5% ACCURACY

PWHD and PWHVID

WITH DIGITAL DISPLAY

Specifications

INPUT VOLTAGE RANGE: FULL SCALE CONTINUOUS
50% OVERRANGE - 3 Seconds
(600 Volts Maximum)

INPUT CURRENT RANGE: FULL SCALE CONTINUOUS
50% OVERRANGE - 3 Seconds

LINE FREQUENCY: 20 to 1000 Hz.

50-60 Hz ACCURACY CLASS: 0.5% of Full Scale

OUTPUT OPTIONS: 1, 5 or 10 Volt DC
1, 10, 20 or 4-20 mADC

OUTPUT RIPPLE: 1% Peak-to-Peak Maximum

ISOLATION TEST: 1 kV - 1 Minute

TEMPERATURE RANGE: 0 to +50 Deg. C

STORAGE TEMPERATURE: -20 to +80 Deg. C

POWER: 120 VAC 50-60 Hz
(120 VAC, 24, 48, 120 VDC ARE OPTIONAL)

ENCLOSURE: DIN RAIL TYPE 46277
5.95" x 2.9" x 4.4"

Applications & Features

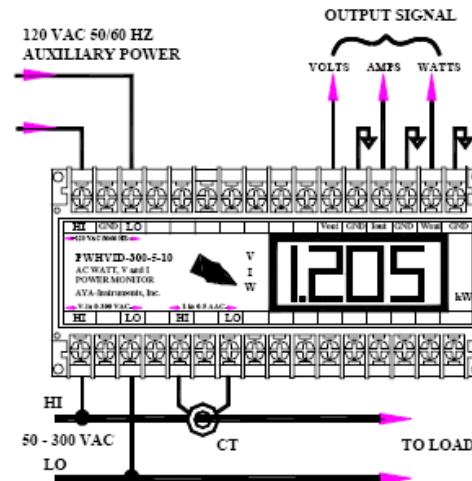
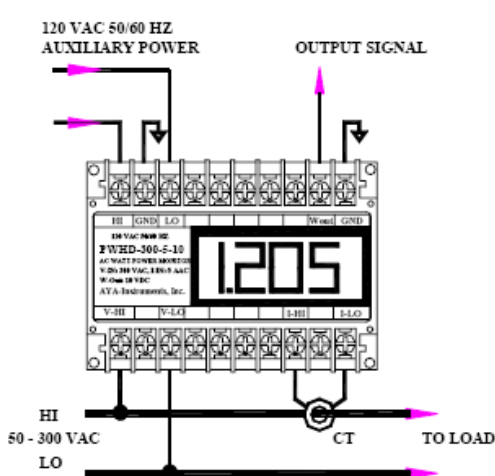
PWHD MODEL: MONITORS REAL ACTIVE POWER.
3" x 2.9" x 4.4"

PWHVID MODEL: MONITORS ACTIVE POWER, VOLTAGE
and CURRENT SIMULTANEOUSLY.
5.9" x 2.9" x 4.4"

ALL OUTPUT SIGNALS ARE INDEPENDENT OF INPUT VOLTAGE AND CURRENT WAVEFORMS.

W out: REAL ACTIVE POWER
V out: TRUE RMS
I out: I out: TRUE RMS
VA out: VA out: APPARENT POWER

3-1/2 DIGIT LCD DISPLAY, 0.5" HIGH.
CAN BE USED WITH EXTERNAL PT's AND CT's.



MODEL SELECTION			CHART	
VOLTAGE INPUT	CURRENT INPUT	OUTPUT SIGNAL	PWHD MODEL	PWHVID MODEL
150 VAC	1 AAC	0-1 VDC	PWHD-150-1-1	PWHVID-150-1-1
150 VAC	5 AAC	0-1 VDC	PWHD-150-5-1	PWHVID-150-5-1
300 VAC	1 AAC	0-1 VDC	PWHD-300-1-1	PWHVID-300-1-1
300 VAC	5 AAC	0-1 VDC	PWHD300-5-1	PWHVID-300-5-1
600 VAC	1 AAC	0-1 VDC	PWHD-600-1-1	PWHVID-600-1-1
600 VAC	5 AAC	0-1 VDC	PWHD600-5-1	PWHVID-600-5-1