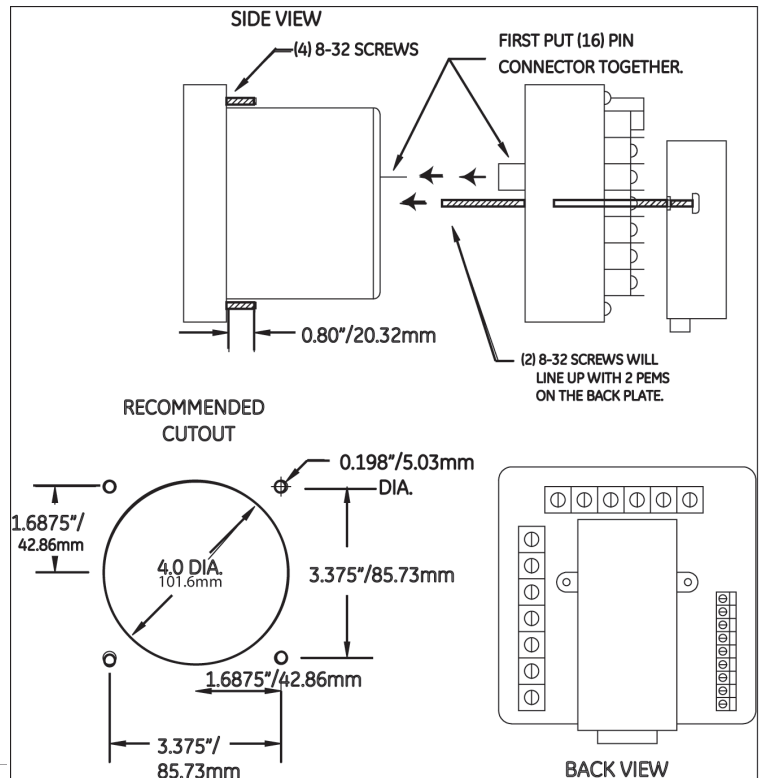
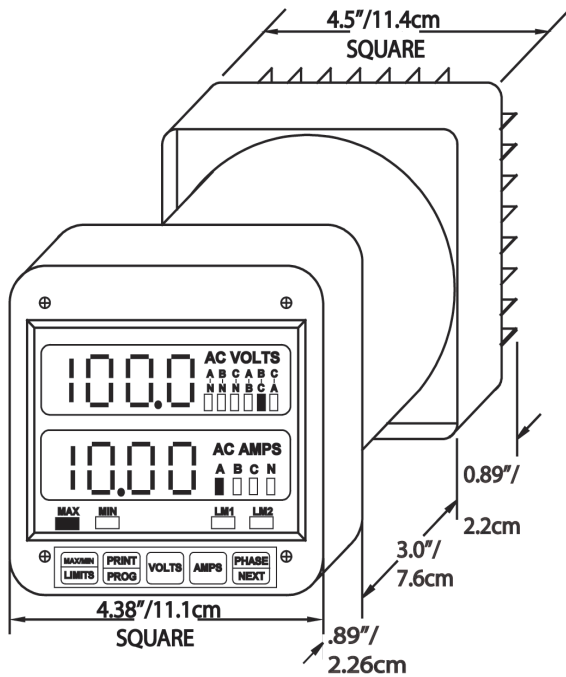


Quick Start Guide for DMVA100 Meters

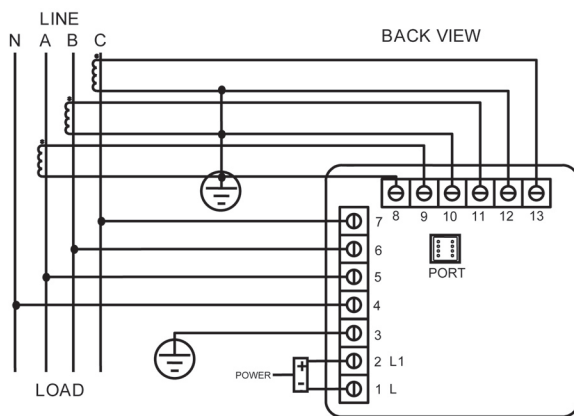
Hardware Installation

Meter Dimensions and Cut-out

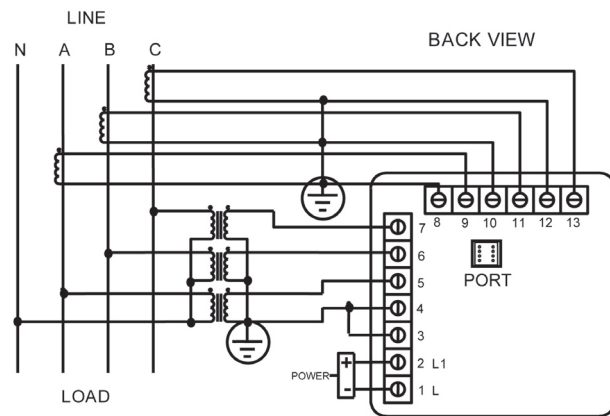


Electrical Installation

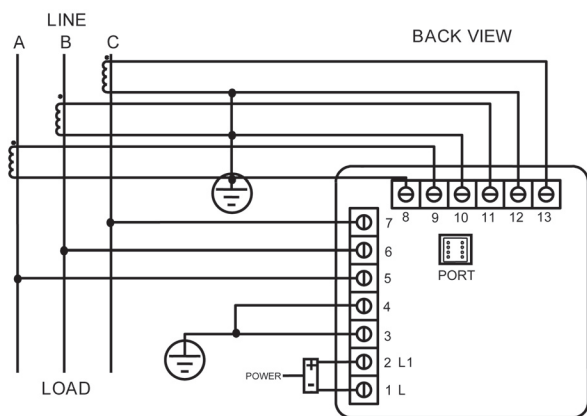
(NOTE: This guide shows some possible wiring configurations. Refer to the meter's manual for additional configurations.)



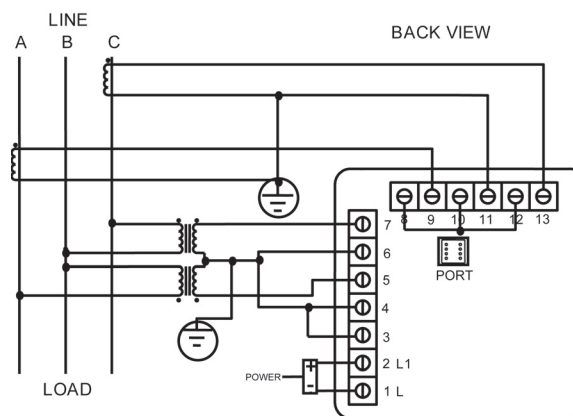
Three-Phase, Four-Wire Wye with Direct Voltage and CTs



Three-Phase, Four-Wire System Wye with CTs and PTs



Three-Phase, Three-Wire System Delta with Direct Voltage and CTs



Three-Phase, Three-Wire Open Delta with two CTs and two PTs

Programming the Meter

NOTES:

- Basic programming information is given here. For step-by-step instructions refer to the meter's User manual, on the enclosed CD.
- Programming tasks are divided into Groups that contain programming Functions. Use the meter buttons to access the Groups/Functions and program the meter.

Enter Programming Mode:

- Press PRINT/PROG until 3 appears in the middle display.
- Press PHASE/NEXT to multiply the 3 to 333.
- Digits begin scrolling in the upper display. Press PHASE/NEXT each time 5 appears, until the middle display reads 555 (this is the meter's password).
- PPP and then 0 appear in the upper display, indicating that the meter is now in programming mode for Group 0.

Exit Programming Mode: IMPORTANT! You MUST exit Programming Mode to store any changes.

NOTE: The steps to exit Programming Mode depend on your current stage. If you are located at Function level begin at Step 1; if you are located at Group level, begin at Step 3.

- Press MAX/MIN/LIMITS until the Group number in the upper display is followed by E (Exit).
- Press VOLTS to return to Group level.
- Press MAX/MIN/LIMITS until E appears in the upper display.
- Press VOLTS to exit Programming Mode.

Programming Voltage and Amp Full Scale Settings

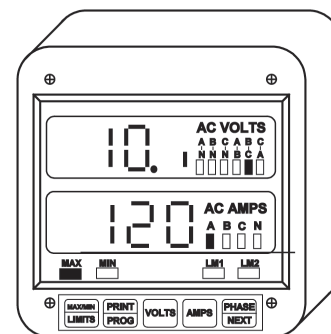
NOTE: Refer to PT and CT tables on page 3.

- Enter programming mode (see instructions above).
- Press MAX/MIN/LIMITS until 1 appears in the upper display.
- Press VOLTS to activate GROUP 1:
 - 10 appears in the upper display
 - a vertical line in the upper display indicates Scale Factor setting
 - the lower display shows the Full Scale voltage setting. See the figure on the right.

NOTE: To set Full Scale for Amps, follow the same procedure, but in step 3, press VOLTS until 2 is displayed.

- Press VOLTS to begin data entry; the lower display is replaced with a dash.
- Press PRINT/PROG to move the vertical line UP or DOWN to set the Scale Factor: UP represents Kilovolts; DOWN represents Volts. (NOTE: If you are setting Amps Scaling, UP represents Kiloamps and DOWN represents Amps.)
- Press VOLTS to store the value.
- To select Decimal placement, press PRINT/PROG to move the decimal point and then press VOLTS to store the setting.
- Three dashes appear in the lower display for data entry. Enter the Full Scale value you want by pressing PRINT/PROG to increase the digit's value and then pressing VOLTS to store each digit. Repeat until the desired value is entered.

IMPORTANT! When you are done, follow the Exiting procedure described on page 2.



Common PT and CT Values

<u>SECONDARY PT VALUES</u>	<u>PT RATIO</u>	<u>FULL SCALE</u>
75 V (Suffix 75) L-N MAX	120:1	9.00 KV
120/208 V	1:1 (Direct)	120.0
120/208 V	4:1	0480 V
120/208 V	120:1	014.4 KV
277/480 V (Suffix G)	1:1 (Direct)	0300 V
120/208V	600:1	072.0 KV
120/208	1150:1	138.0 KV

NOTE: Refer to your meter's User manual on the enclosed CD for additional step-by-step programming instructions.

 *Electro Industries/GaugeTech*

1800 Shames Drive Westbury, New York 11590

Tel: 516-334-0870

FAX: 516-338-4741

www.electroind.com

E104784 V.1.01 042610