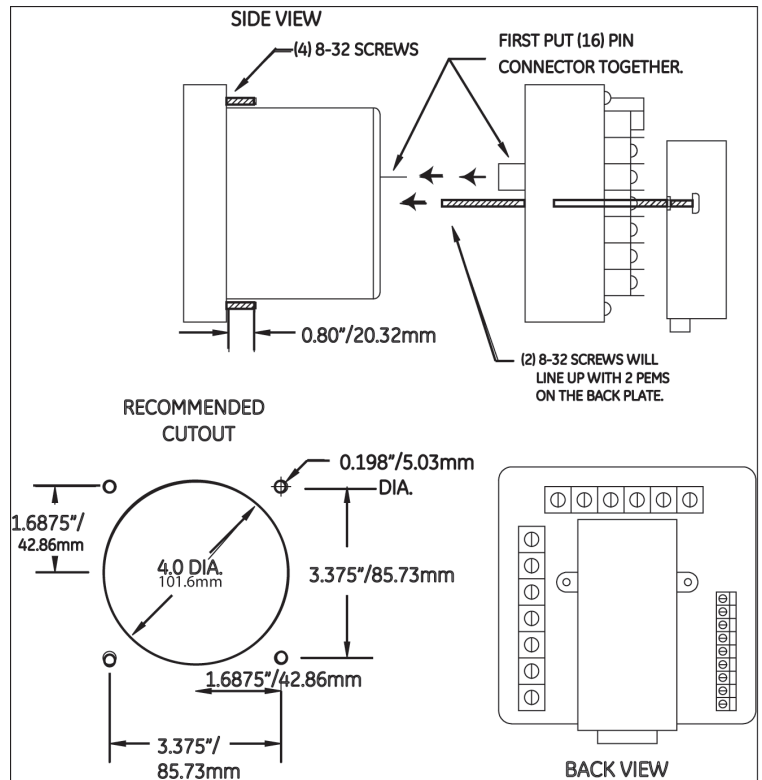
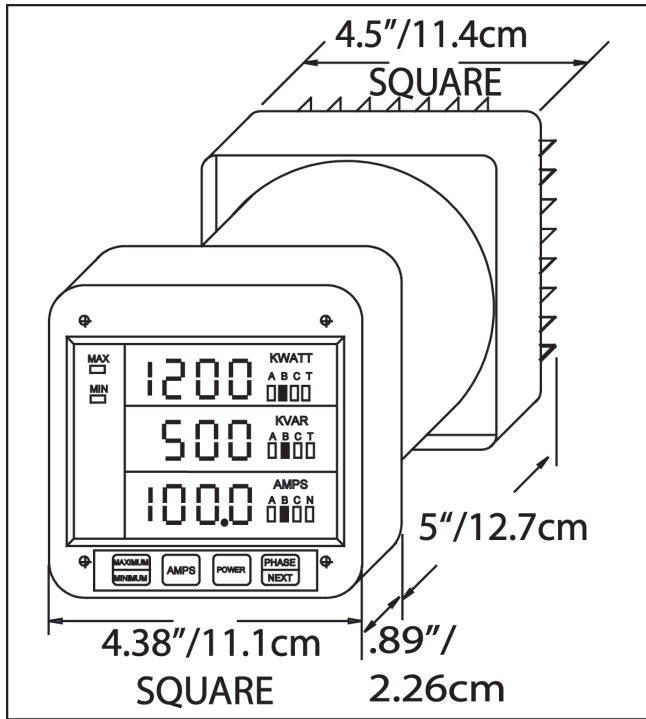


Quick Start Guide for DWVA300/DWVV300 Meters

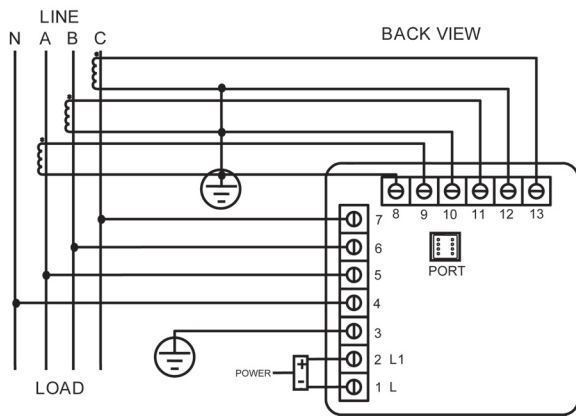
Hardware Installation

Meter Dimensions and Cut-out

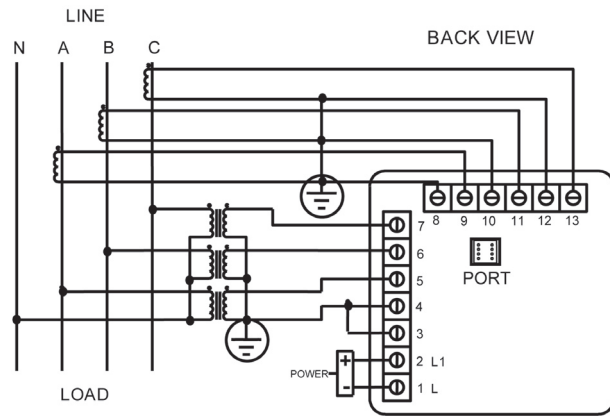


Electrical Installation

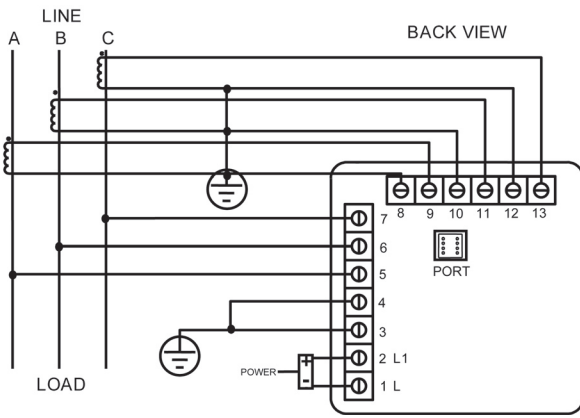
(NOTE: This guide shows some possible wiring configurations. Refer to the meter's manual for additional configurations.)



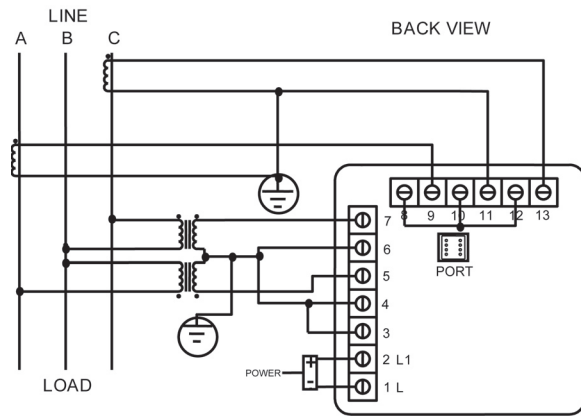
Three-Phase, Four-Wire Wye with Direct Voltage and CTs



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.
- Programmable Function values are always four-digit numeric fields. For example, to enter the number 25, you must enter 0025.

Enter Programming Mode:

1. Press and hold POWER and then press AMPS(DWVA) or VOLTS(DWVV). Release POWER and keep holding AMPS(VOLTS) until 3 appears in the middle display.
2. Release AMPS(VOLTS) and press PHASE/NEXT to multiply the 3 to 333.
3. 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).
4. 0 appears 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.

1. Press MAXIMUM/MINIMUM until the Group number in the upper display is followed by E (Exit).
2. Press POWER to return to Group level.
3. Press MAXIMUM/MINIMUM until E appears in the upper display.
4. Press POWER to exit Programming Mode.

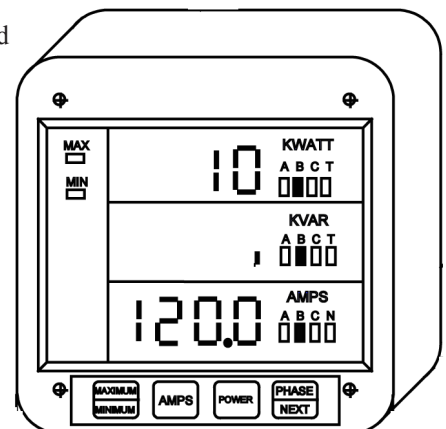
Programming Voltage, Amp, and Watt Full Scale Settings

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

1. Enter programming mode (see instructions above).
2. Press MAXIMUM/MINIMUM until 1 appears in the upper display.
3. Press POWER to activate GROUP 1:
 - 10 appears in the upper display
 - the middle display indicates Scale Factor setting
 - the lower display shows the Full Scale voltage setting. See the figure on the right.

NOTE: To set Full Scales for Amps or Watts, follow the same procedure, but in step 3, press MAXIMUM/MINIMUM until either 11 is displayed - for Amps, or 12 is displayed - for Watts.

4. Press POWER to begin data entry; the lower display is replaced with a single vertical line.



5. Press AMPS(DWVA) or VOLTS(DWVV) 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; if you are setting Watts Scaling, UP represents Megawatts and DOWN represents Kilowatts.)
 6. Press POWER to store the value.
 7. To select Decimal placement, press AMPS(VOLTS) to move the decimal point and then press POWER to store the setting.
- NOTE: When programming Watts scaling, skip to step 10.**
8. The middle display contains the present Full Scale setting and four dashes appear in the lower display for data entry. Enter the four digit Full Scale value you want by pressing AMPS(VOLTS) to increase the digit's value and then pressing POWER to store each digit. Repeat until the desired value is entered.
 9. The lower display contains the new Full Scale setting and the middle display indicates the Scale Factor.
 10. **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.