INTELLIMETER®
FIELD PROGRAMMING INSTRUCTIONS

INTRODUCTION

These instructions may be used to enter, change or verify the following

- **CT CONSTANT**

- **SYSTEM NUMBER**

- **GROUP NUMBER**

- **UNIT NUMBER**

- **FIBER OPTIC CABLE INSTALLATION**

- **PHASES**

- **WATT READING**

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Intellimeter Field Programming Instructions

To program the Intellimeter, attach a battery operated terminal or PC with terminal emulation (i.e. communications) software to the Intellimeter at the programming port using the appropriate cable supplied from the factory.

Configure the terminal or PC for 600 Baud, No Parity, 8 Data Bits, 1 Stop Bit, XON/XOFF, Full Duplex

Program the Intellimeter, following the steps below.

Initialize communications: <Esc> for VT-52, <'> (apostrophe) for VT-100 (ANSI), or <@> ("at" symbol) for ADM-3.

Press <Ctrl> + R to display main menu.

Press <Ctrl> + Q (PGM) to select Program Mode.

Press <Ctrl> + Q (MTR) to program CT Constant.

Press <Ctrl> + W (NXT) until the correct CT Constant for the installation is displayed. Press <Ctrl> + E (SAV) to save the CT Constant. If the CT Constant is 14, enter the number listed in the Installation Specification before pressing <Ctrl> + E (SAV).

Press <Ctrl> + W (ID) to program address.

Enter the system number and then press <Ctrl> + E (SAV) to save. The system number is printed in the Installation Specification and on the Central Station.

(Optional) Press <Ctrl> + Q (PRV) for Group Number.

Enter the group number and press <Ctrl> + E (SAV) to save. See Installation Specification for Group Numbers (usually 0).

Press <Ctrl> + W (NXT) for UNIT #.

Enter the unit number as listed on the Intellimeter Installation Specification and press <Ctrl> + E (SAV) to save. Enter the Intellimeter's serial number in the Installation Specification. If Installation Specification is not available, record system #, Unit #, Voltage, CT ratings,Location and Serial Number. This information is critical. Please be sure it is correct.

If a fiber optic cable is to be attached, Press <Ctrl> + R.

Press <Ctrl> + Q (PGM) to display Program Select Menu.

Press <Ctrl> + E (LNK) to display Remote Link Options select screen.

Press <Ctrl> + Q (PRV) verify the "2 REPEATER" is displayed.

Press <Ctrl> + E (SAV) to save option setting.

Press < = > (equal symbol).

Verify that SYSTEM #, GROUP #, and UNIT # have been entered correctly. Option should display "2" if a 600 Baud Fiber-Optic Link is to be used, "0" if not. The number preceding "ph" should match the number of phases in the subpanel. If not, replace the unit. Note that 120/240, 1-Phase, 3-wire installation should have "2ph" displayed.

Press <Ctrl> + R, then press <Ctrl> + Q four times.

"SET WATT READING" will be displayed. Enter a 0 (zero) or desired value and press <Ctrl> + E and <SAV> to save.

Press < - > (minus or dash symbol). Confirm that all readings are 0 (zero)or desired value. If not, repeat.

Disconnect the terminal or PC. Secure cover on Intellimeter. Use special tamper tool to tighten screws. Contact distributor or manufacturer for tool. If required, apply a 277/480V label on the exterior of the cover in accordance with local codes.

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