

REMOTE DISPLAY MODULE FOR WATTSON POWER TRANSDUCER

The WattsOn-RDM provides a convenient method of displaying relevant electrical measurements. The display may be local to the panel, or remotely mounted up to 4000ft* from the WattsOn being monitored.

FEATURES:

- ◆ Panel Mount
- ◆ May replace a Modbus RTU Master, or work with existing masters.
- ◆ Displays multiple screens of information
- ◆ Compatible with 3-phase/3-wire, 3-phase/4-wire, single and split phase configurations.
- ◆ Large font mode
- ◆ LED Backlight



PRODDUCT DESCRIPTION:

The WattsOn®-RDM (remote display unit) allows for the local or remote display of electrical measurements from a corresponding WattsOn unit. The display may be configured for a variety of wiring systems to display only the data that is relevant to that installation.

The RDM may function in "Master" Mode in which it replaces the need for a RTU master. In systems already containing a Modbus Master, the RDM may function in "Snoop" Mode, whereby it eavesdrops on data communications between the RTU master and the WattsOn to obtain the relevant data.

The Large Font Mode allows any selected parameter to be viewed using large 3/4" characters. The adjustable LCD backlight facilitates use in difficult viewing areas.

The RDM features field upgradeable firmware, to allow for future enhancements.

Display parameters: (depend on wiring configuration):

- Voltage (A, B, C, Average, Total)
- Current (A, B, C, Average, Total)
- Watts (A, B, C, Total)
- VAR (A, B, C, Total)
- VA (A, B, C, Total)
- Power Factor (A, B, C, Total)
- kWh (import, export, net)

SPECIFICATIONS:

<i>Power Supply:</i>	16-24VAC / VDC (100mA max.)
<i>Display:</i>	128 x 64 Graphic LCD Displays up to 6 lines of information using regular font, or one parameter using large font.
<i>Communication:</i>	Two-Wire RS-485 (Modbus RTU) (Via rear terminal block) Wiring distance up to 4000ft* * As per RS-485 Standard.
<i>Backlight:</i>	LED (yellow)
<i>Mounting:</i>	Panel Mount ("through the door") via adjustable rear bracket. Minimum Panel Thickness: 0.8 mm Maximum Panel Thickness: 10.0mm
<i>Cutout Dimensions:</i>	95 x 122mm (3.75 x 4.8 in)
<i>Depth ("into" the door)</i>	50mm (2 in) (including terminal block)
<i>Bezel Dimensions:</i>	105 x 132mm (4.15 x 5.2 in)