

MINIATURE DISPLAY FOR WATTSON POWER TRANSDUCER

The WattsOn-DISP provides a convenient method of displaying relevant electrical measurements. WattsOn-DISP is designed for local mounting through a panel with the included mounting hardware. The display is designed for use with WattsOn-1100 models only.

FEATURES:

- ◆ Panel Mount
- ◆ Large, easy to read Two-Line Display.
- ◆ Display information customizable via RS-485 Modbus
- ◆ LED Backlight
- ◆ User selectable mode of display (fixed, cycling or push button scrolling).



PRODUCT DESCRIPTION:

The WattsOn®-DISP allows for local display of electrical measurements performed by the WattsOn Power Transducer. Its small size and form factor allow for an easy and clean installation through a panel with the included mounting hardware. Optionally, a NEMA-4X bezel may be provided to allow for installation in harsh environments.

The display parameters are selected by configuring the main WattsOn unit using RS-485 (Modbus). It may be used with WattsOn-1100 units (firmware 4.3 or higher).

The WattsOn transducer configured for use with the display, uses the second pulse output for data transmission. This leaves the RS-485 port free for communication with any other RTU.

The display features a LED backlight allowing viewing in any condition.

NEW: v2.0 of the WattsOn-DISP modules support three user selectable (via rear jumper) display modes:

1. Fixed two line display (User set registers)
2. Push button scrolling of parameters (Two user set registers plus W, VA, VAR, PF, Frequency and kWh).
3. Two line display, top line cycling between two user set registers plus W, VA, VAR, PF, Frequency. Bottom line fixed at kWh.

SPECIFICATIONS:

<i>Power Supply:</i>	16-24 VDC (50mA max.)
<i>Display:</i>	100 x 32 Graphic LCD Displays two parameters in a large (10mm) font
<i>Communication:</i>	Single Wire (plus ground) proprietary protocol from WattsOn transducer (requires WattsOn-1100 with firmware version 4.3 or greater).
<i>Backlight:</i>	LED (yellow)
<i>Mounting:</i>	Panel Mount ("through the door") with adjustable rear brackets. Minimum Panel Thickness: 0.8 mm Maximum Panel Thickness: 5.0mm
<i>Cutout Dimensions:</i>	40mm x 72mm
<i>Depth ("into" the door)</i>	40mm (including terminal block)
<i>Bezel Dimensions:</i>	44mm x 76mm
<i>Environment:</i>	0-50°C, 90% RH non-condensing