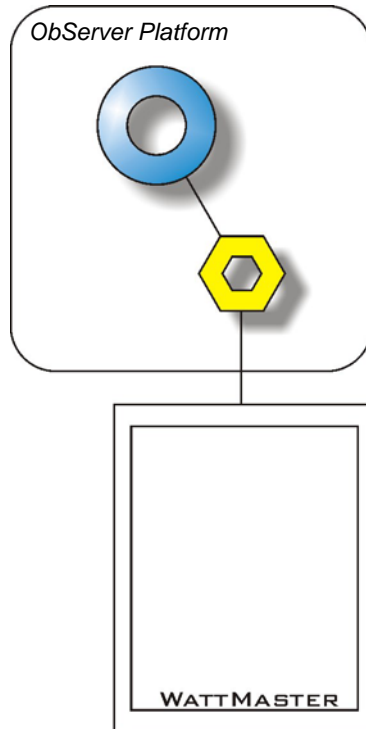


Product Engineering Guide

OSM v20 Wattmstr v11

Introduction

The Wattmstr OSM links WattMaster line of controllers via a CommLink II interface to Observer. The variables within the parameter blocks can be accessed as well as the analogue and binary memory locations.



Engineering

Step 1 – Install OSM

The Wattmstr OSM is installed automatically with all ObSys editions. Refer to the 'ObSys CD sleeve' for details on how to install ObSys.

Step 2 – Configure Wattmaster System

The CommLink II must be set to Network mode. This is the default mode and can be initiated by either re-powering the CommLink or by sending it a 'Ctrl-R'. If the CommLink is in Terminal mode then it will not communicate with the driver.

Step 3 – Connect COM Port to Wattmaster System

Using cable, connect the CommLink II to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in Wattmstr OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the Wattmstr OSM to an available channel. Refer to '[ObServer v20 Application Engineering Guide](#)'.

Note: After inserting the OSM, your engineering software may need to re-scan the ObServer object in order to view the OSM.

Step 5 – Configure Wattmstr OSM

The COM port, device label, alarm polling facilities, and alarm destination are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

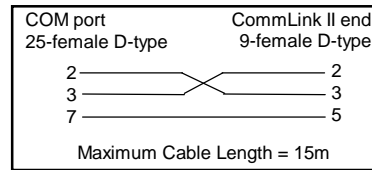
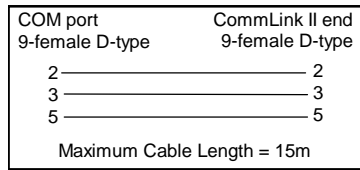
Step 6 – Access Objects within the Wattmaster System

Values from the Wattmaster system are made available as objects from ObServer. Any object software that is connected to the ObServer can access these objects.

Engineering Reference

Cable Specification

The cable between COM port and the 9-way D-type connector on the CommLink II marked 'Computer (DCE)' is as follows:



Objects

When the OSM is loaded the following objects are created within ObServer, use object software to access these objects.

Object ^[1]	Label	R/W	Type
Sc	Wattmaster System connected to channel c	-	[Wattmstr v11]
Mc	Wattmstr Module connected to channel c	-	[OSM v10 Wattmstr v11]

Notes

[1] The ObServer channel number, c, is a number in the range 1...40.