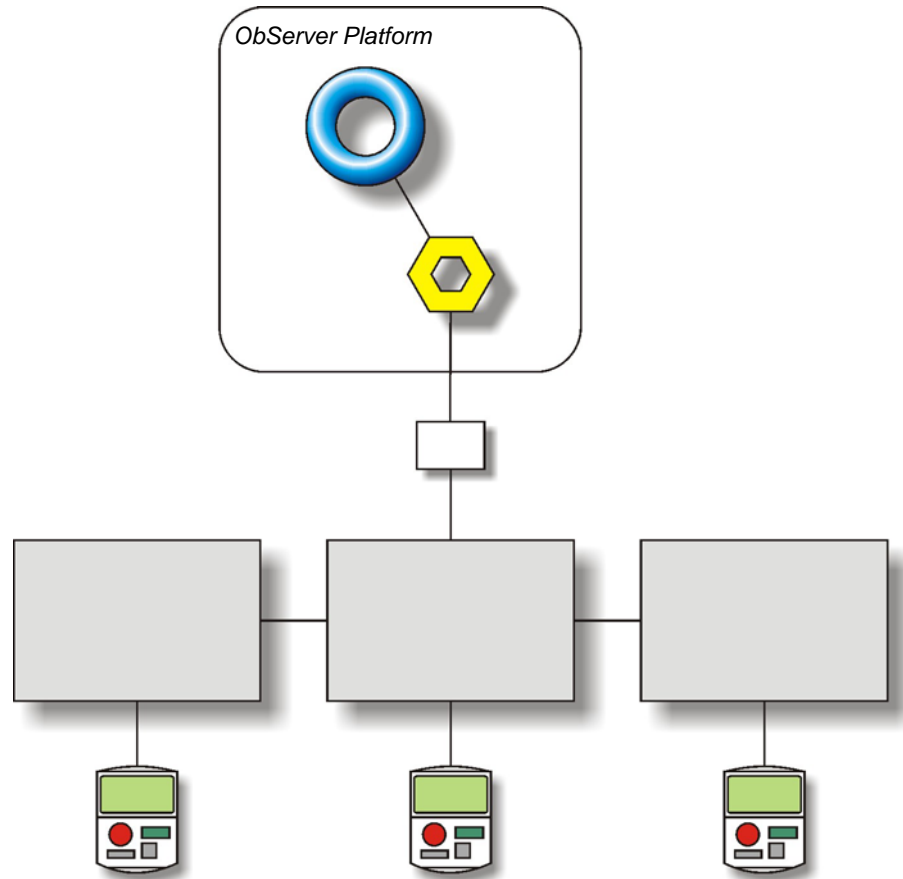


Product Engineering Guide

OSM v20 Rhoss v10

Introduction

The Rhoss OSM links network of Rhoss Fan Coil Units communicating via an EWTK-NET Elliwell RS232 converter to ObServer. Up to 15 families, each with 15 units can be addressed. Each unit can have set points and operating modes read and adjusted.



Engineering

Step 1 – Install OSM

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

Step 2 – Configure Rhoss System

The Rhoss system does not need configuring.

Step 3 – Connect COM Port to Rhoss System

Using cable, connect the EWTK RS232 interface to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in Rhoss OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the Rhoss 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 Rhoss OSM

The COM port, device label, and auto reset are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

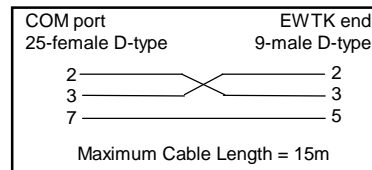
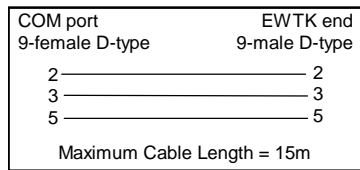
Step 6 – Access Objects within the Rhoss System

Values from the Rhoss 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 EWTk RS232 interface 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	Rhoss System connected to channel c	-	[Rhoss v10] ^[2]
Mc	Rhoss Module connected to channel c	-	[OSM v20\rhoss v10]

Notes

- [1] The ObServer channel number, c, is a number in the range 1...40.
- [2] This object has a variable content and as such requires scanning.