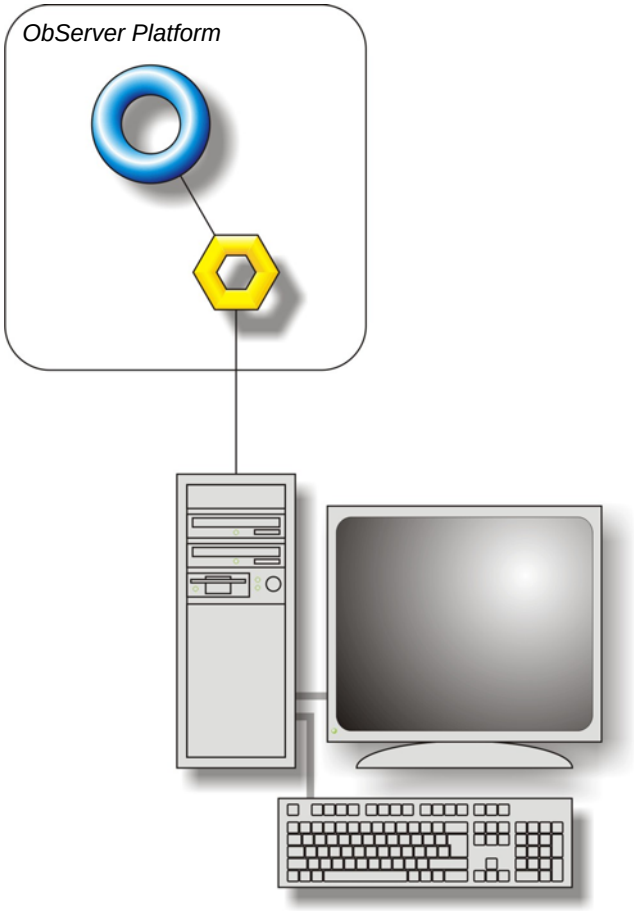
Product Engineering Guide

OSM v20 Lbrtdcl v10

Introduction

The LBRTDCL OSM links Liebert DCLAN BMS Interface to Observer.



Engineering

Step 1 – Install OSM

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

Step 2 – Configure Liebert DCLAN BMS Interface

Install the Liebert DCLAN BMS Interface as required.

Step 3 – Connect COM Port to Liebert DCLAN BMS Interface

Using cable, connect the Liebert DCLAN BMS Interface to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in LBRTDCL OSM to ObServer

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

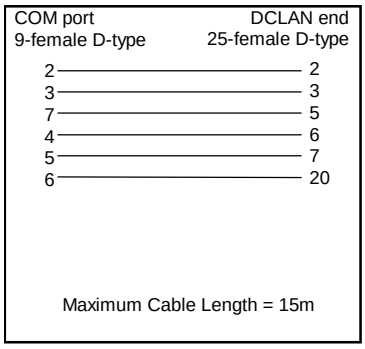
The COM port, baudrate, and alarm destination are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

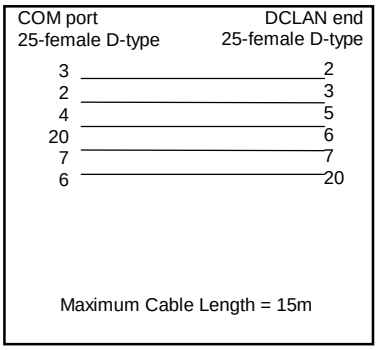
Step 6 – Access Objects within the Liebert DCLAN BMS Interface

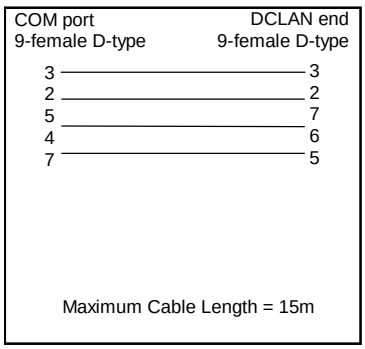
Values from the Liebert DCLAN BMS Interface are made available as objects from ObServer. Any object software that is connected to the ObServer can access these objects.

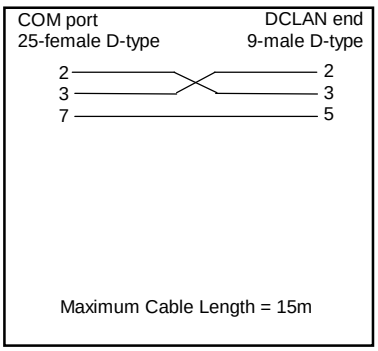
Cable Specification

The cable between COM port and the Liebert DCLAN BMS 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***
S*c*	Liebert DCLAN BMS System connected to channel *c*	-	*[LBRTDCL v10]* [2]
M*c*	LBRTDCL Module connected to channel *c*	-	*[OSM v20\ LBRTDCL 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.