

Leax

This modules controls one or more Leax circuits

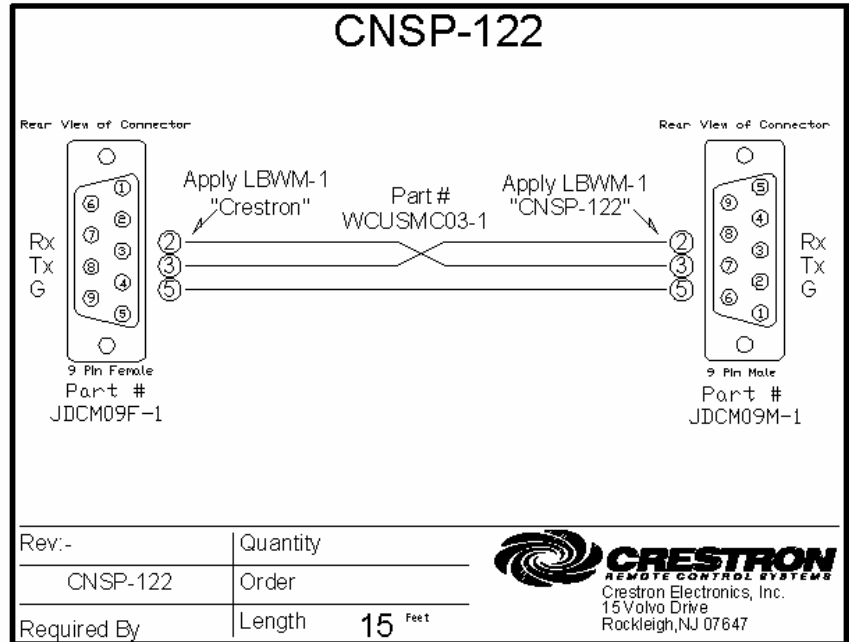


GENERAL INFORMATION

SIMPLWINDOWS NAME:	Leax Circuit.umc
CATEGORY:	Device Interface
VERSION:	V1.0
SUMMARY:	This module controls one or more Leax circuits
GENERAL NOTES:	<p>The module controls one circuit at a time. This circuit is defined by the analog input "Circuit_Number" where 1d stands for circuit 1. As the circuit number is defined by an analog input rather than a parameter field, you can choose to have only one instance of this module to control all your Leax Circuits. In this case it's up to you to first change "Circuit_Number" input to the correct value in order to start changing the corresponding circuit. For example with an "Analog Initialize". The second option is to use one instance for each circuit you want to control. In this case you can use an "Analog Initialize" that runs at start up to set all the "Circuit_Number" analog inputs once and for all. The demo program uses the 2nd option.</p> <p>The Leax demo program holds three different control modules: Leax Circuit, Leax All Circuits and Leax Scenes. When you are using more then one instance of any of these modules it is advisable to use the "Leax Send" module as well. This module will take commands from any of those instances and makes sure they are send one by one to the Leax system with an appropriate delay in between. This is done to avoid any commands being missed by the Leax system when 2 modules are trying to fire a command at the same time. For proper use of the "Leax Send" module refer to the help file of that specific module and to the demo program.</p>
CRESTRON HARDWARE REQUIRED:	X- -series or 2-series processor
SETUP OF CRESTRON HARDWARE:	<p>The demo program was written for a PRO2 with TPS-6000</p> <p>Connection is made over RS-232with a standard crossed cable.</p> <p>Com port settings: 9600, 8, 1, N</p>
VENDOR FIRMWARE:	Interface software (protocol): V 3.0
VENDOR SETUP:	At present Leax is using the XLON gateway as an RS232-LEAX interface. They are planning on making their own gateway in the future though. Anyway, a gateway should always be supplied by Leax. The com port of the Crestron processor is to be connected via RS-232 on this gateway.



CABLE DIAGRAM:



CONTROL:

Lower	D	Press and hold to lower the circuit
Raise	D	Press and hold to raise the circuit
Off	D	Pulse to turn the circuit off
Level_(Do_not_ramp)	A	Set the circuit's level. (0d – 65535d) Make sure not to use symbols like an "Analog Ramp" to set this input. It would result in too many messages being sent out. To set the level up and down fluently, use the Lower and Raise inputs
Circuit_Number	A	Set the circuit that you want to control. 1d = circuit 1

**FEEDBACK:**

Tx	S	To be connected to the TX of the com port or the "From_Modules\$" of the "Leax Send" module

TESTING:

OPS USED FOR TESTING:	V 3.155
COMPILER USED FOR TESTING:	V 2.07.32
SAMPLE PROGRAM:	Leax Demo Program.smw
REVISION HISTORY:	V 1.0 Creation