

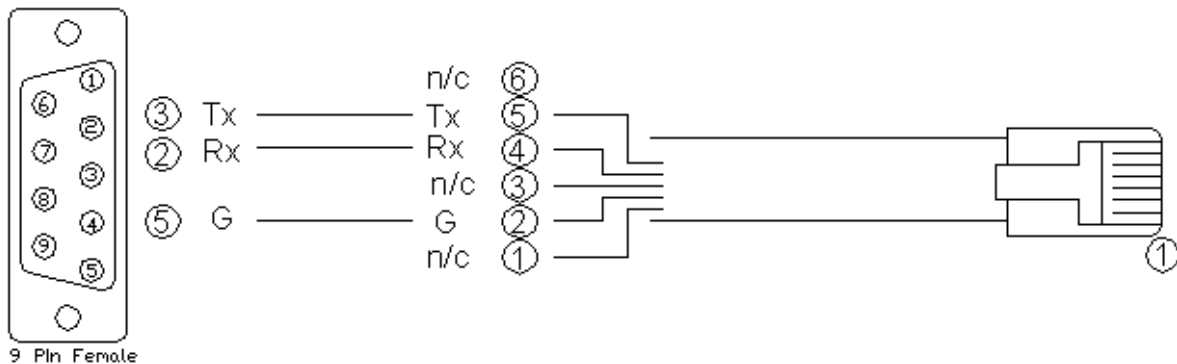
Partner: Brightline
 Model: T-Series Motor
 Device Type: Miscellaneous



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Brightline T-Series Motor v1.0
CATEGORY:	Lighting
VERSION:	1.0
SUMMARY:	This module will control the Brightline T-Series motorized fixture.
GENERAL NOTES:	<p>This module will control the Brightline T-Series motorized fixture via RS-232. It also provides feedback for the current carriage position. This is controlled in conjunction with the RQ Bridge. The Crestron processor connects to the RQ Bridge, which is connected to the Brightline via the RQ-Bus.</p> <p>NOTE: This module is System Builder compatible.</p>
CRESTRON HARDWARE REQUIRED:	C2NENET-1, C2NENET-2
SETUP OF CRESTRON HARDWARE:	RS232 XON Baud:9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	version D15
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-660

Rear View of Connector



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CONTROL:

Rotate_<Forward/Back>	D	Pulse to rotate the carriage forward or back.
Stop	D	Pulse to stop the carriage rotation.
Press_ & Hold_Rotate_<Forward/Back>	D	Press and hold to rotate the carriage forward or back. The carriage will stop on the release.
Position_Send	A	Analog value to send for the desired position. Could come from an analog initialize or an analog RAM symbol. NOTE: THIS SHOULD NOT COME FROM A SLIDER ON A TOUCH PANEL.
Initialize	D	Pulse to get the travel time and the current position.
From_Device	S	Serial data signal to be routed from a 2 way com port.

PARAMETERS:

Address_Byte_*	P	Enter the address of the fixture to control. The values need to be entered in hex without an h on them. For example, for motor DR1 enter 44 for byte 1, 52 for byte 2 and 31 for byte 3.
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FEEDBACK:

Is_Rotating_<Forward/Back>	D	High to indicate that the carriage is either rotating forward or back.
Position_Analog	A	Analog value representing the current carriage position to be displayed using a gauge on a touch panel.
To_Device	S	Serial data signal to be routed to a 2 way com port.

TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	3.01.24
DEVICE DB USED FOR TESTING:	32.00.019.00
CRES DB USED FOR TESTING:	24.00.039.00
SYMBOL LIBRARY USED FOR TESTING:	708
SAMPLE PROGRAM:	Brightline T-Series Motor v1.0 Demo PRO2
REVISION HISTORY:	v1.0 – Original release.