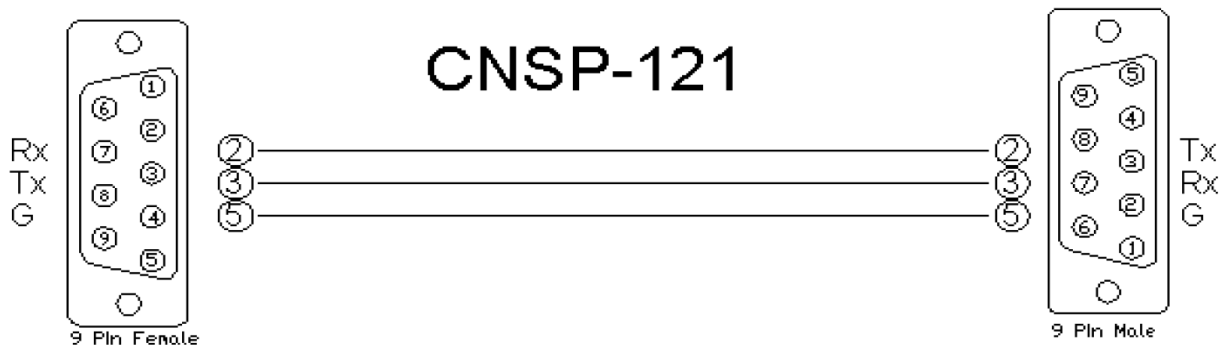


**Partner: Torus Power**  
**Model: AVR2**  
**Device Type: AC Power Controller**



**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Torus Power AVR2
<b>CATEGORY:</b>	Miscellaneous
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module will control all functions of the Torus Power AVR Power Conditioner.
<b>GENERAL NOTES:</b>	You cannot comment out the From_Device\$ cue. This module is SystemBuilder compatible. Please note that it is essential to enable polling in order for the module to give accurate feedback.
<b>CRESTRON HARDWARE REQUIRED:</b>	CNXCOM-6, CNXCOM-2, ST-COM, C2I-COM6, C2COM-2/3, 2 series control system, 3 series control system
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	None
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	CNSP-121



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**CONTROL:**

Enable_Polling	D	Enables whether polling will occur at the polling interval
Power_On	D	Switch the device on
Power_Off	D	Switch the device and all zones off.
Power_On_All_Zones	D	Turns all output zones on. 'Current_Sequence_Delay' will indicate the time lapse between each zone powering on.
Power_Off_All_Zones	D	Turns all output zones off
Power_On_Zone_x (x goes from 1 to 8)	D	Turns on output zone x
Power_Off_Zone_x (x goes from 1 to 8)	D	Turns off output zone x
Reset_Router	D	Resets the device's router.
Sequence_Delay	A	Will set the sequence delay. The sequence delay is the delay between each zone powering on.
From_Device\$	S	Serial signal to be routed from a 2-way RS232 port.

**FEEDBACK:**

Current_Voltage_In	A	The voltage entering the device (ie. 124)
Current_Voltage_Out	A	Voltage output from the device (ie. 120)
Current_Amps_Out	A	The amperage being output by the device to 1 decimal place (ie. 13.2)
Current_Sequence_Delay	A	The current sequence delay in seconds. The sequence delay is the delay between each zone powering on.
Fault_Status	S	Contains any fault status messages from the device. IE: 0: System OK 1: Relay 1A Open Fault 1: Relay 1B Close Fault 2: AC Voltage is LOW 2: AC Voltage is High
To_Device\$	S	Serial data signal to be routed to a 2 way com port.

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**PARAMETERS:**

<b>Polling Interval</b>	A	Sets the time interval at which polling will occur
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**TESTING:**

<b>OPS USED FOR TESTING:</b>	MC3 v1.006.000; PRO2 v4.007.004
<b>SIMPL WINDOWS USED FOR TESTING:</b>	3.11.06
<b>CRES DB USED FOR TESTING:</b>	37.05.005.00
<b>DEVICE DB USED FOR TESTING:</b>	48.05.004.00
<b>SAMPLE PROGRAM:</b>	Torus Power AVR2 MC3 Demo Torus Power AVR2 PRO2 Demo
<b>REVISION HISTORY:</b>	V. 1.0