

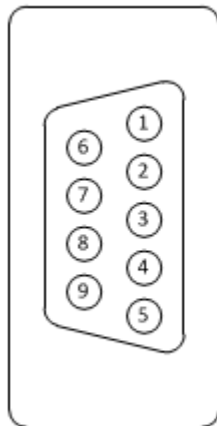
Partner: Surgex
Model: Axess Elite
Device Type: AC Power Controller



GENERAL INFORMATION

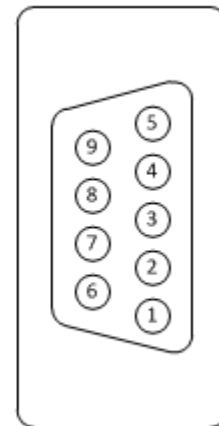
SIMPLWINDOWS NAME:	Surgex AxessElite Module v1.0
CATEGORY:	AC Power Controller
VERSION:	1.0
SUMMARY:	RS232 Module to communicate with the Surgex AxessElite power controller series.
GENERAL NOTES:	
CRESTRON HARDWARE REQUIRED:	Any Series 2 & 3 Controllers with RS232 Ports
SETUP OF CRESTRON HARDWARE:	RS232 Port needs to be set to Baud: 9600, Parity: None, Data Bits: 8, Stop Bits: 1
VENDOR FIRMWARE:	v1.01.213
VENDOR SETUP:	The module uses a default password for both RS232 and TCP/IP communication.
CABLE DIAGRAM:	Please note the diagram below may not reflect the device you are writing the module for.

Rear View of Connector

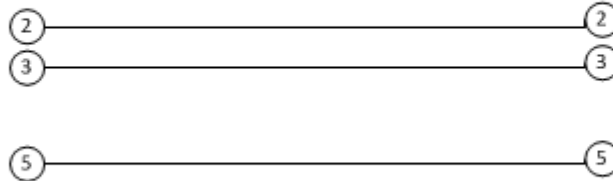


9 Pin female

Rear View of Connector



9 Pin male



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CONTROL:

Outlet_01_Power_On	D	Pulse high to turn on the outlet.
Outlet_01_Power_Off	D	Pulse high to turn off outlet.
Outlet_01_Power_Cycle	D	Pulse high to cycle the states of the outlet. Use Set_Outlet_Cycle_Time analog signal to set the duration of the cycle.
Outlet_02_Power_On	D	Pulse high to turn on the outlet.
Outlet_02_Power_Off	D	Pulse high to turn off outlet.
Outlet_02_Power_Cycle	D	Pulse high to cycle the states of the outlet. Use Set_Outlet_Cycle_Time analog signal to set the duration of the cycle.
Outlet_03_Power_On	D	Pulse high to turn on the outlet.
Outlet_03_Power_Off	D	Pulse high to turn off outlet.
Outlet_03_Power_Cycle	D	Pulse high to cycle the states of the outlet. Use Set_Outlet_Cycle_Time analog signal to set the duration of the cycle.
Outlet_04_Power_On	D	Pulse high to turn on the outlet.
Outlet_04_Power_Off	D	Pulse high to turn off outlet.
Outlet_04_Power_Cycle	D	Pulse high to cycle the states of the outlet. Use Set_Outlet_Cycle_Time analog signal to set the duration of the cycle.
Outlet_05_Power_On	D	Pulse high to turn on the outlet.
Outlet_05_Power_Off	D	Pulse high to turn off outlet.
Outlet_05_Power_Cycle	D	Pulse high to cycle the states of the outlet. Use Set_Outlet_Cycle_Time analog signal to set the duration of the cycle.
Outlet_06_Power_On	D	Pulse high to turn on the outlet.
Outlet_06_Power_Off	D	Pulse high to turn off outlet.
Outlet_06_Power_Cycle	D	Pulse high to cycle the states of the outlet. Use Set_Outlet_Cycle_Time analog signal to set the duration of the cycle.
Outlet_07_Power_On	D	Pulse high to turn on the outlet.
Outlet_07_Power_Off	D	Pulse high to turn off outlet.

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Outlet_07_Power_Cycle	D	Pulse high to cycle the states of the outlet. Use Set_Outlet_Cycle_Time analog signal to set the duration of the cycle.
Outlet_08_Power_On	D	Pulse high to turn on the outlet.
Outlet_08_Power_Off	D	Pulse high to turn off outlet.
Outlet_08_Power_Cycle	D	Pulse high to cycle the states of the outlet. Use Set_Outlet_Cycle_Time analog signal to set the duration of the cycle.
Set_Outlet_Cycle_Time	A	Changing this signal will set the outlet cycle time. Value Range 1-99 seconds.
From_Device	S	Connect from the RX\$ String Signal of the RS232 Comm Port Symbol

Parameters:

User_Name_Text		Login user name, default value "admin".
User_Password_Text		Login user password, default value "admin".

FEEDBACK:

Line_Voltage_Text	S	Displays the input Line Voltage (Volts).
Line_Power_Draw_Text	S	Displays the device Power Draw (Watts).
Line_Current_Draw_Text	S	Displays the device Current Draw (Amps).
Total_Energy_Used_Text	S	Displays the amount of power this device has used (kWh).
Outlet_01_Is_On	D	Indicates when the outlet is on.
Outlet_01_Name_Text	S	Displays the current assigned friendly name of the outlet.
Outlet_01_Current_Draw_Text	S	Displays the amount of current this outlet is drawing (Amps).
Outlet_01_Power_Draw_Text	S	Displays the amount of power this outlet is drawing (Watts).
Outlet_01_Energy_Used_Text	S	Displays the total amount energy this outlet has used (kWh).
Outlet_02_Is_On	D	Indicates when the outlet is on.
Outlet_02_Name_Text	S	Displays the current assigned friendly name of the outlet.
Outlet_02_Current_Draw_Text	S	Displays the amount of current this outlet is drawing (Amps).

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Outlet_02_Power_Draw_Text	S	Displays the amount of power this outlet is drawing (Watts).
Outlet_02_Energy_Used_Text	S	Displays the total amount energy this outlet has used (kWh).
Outlet_03_Is_On	D	Indicates when the outlet is on.
Outlet_03_Name_Text	S	Displays the current assigned friendly name of the outlet.
Outlet_03_Current_Draw_Text	S	Displays the amount of current this outlet is drawing (Amps).
Outlet_03_Power_Draw_Text	S	Displays the amount of power this outlet is drawing (Watts).
Outlet_03_Energy_Used_Text	S	Displays the total amount energy this outlet has used (kWh).
Outlet_04_Is_On	D	Indicates when the outlet is on.
Outlet_04_Name_Text	S	Displays the current assigned friendly name of the outlet.
Outlet_04_Current_Draw_Text	S	Displays the amount of current this outlet is drawing (Amps).
Outlet_04_Power_Draw_Text	S	Displays the amount of power this outlet is drawing (Watts).
Outlet_04_Energy_Used_Text	S	Displays the total amount energy this outlet has used (kWh).
Outlet_05_Is_On	D	Indicates when the outlet is on.
Outlet_05_Name_Text	S	Displays the current assigned friendly name of the outlet.
Outlet_05_Current_Draw_Text	S	Displays the amount of current this outlet is drawing (Amps).
Outlet_05_Power_Draw_Text	S	Displays the amount of power this outlet is drawing (Watts).
Outlet_05_Energy_Used_Text	S	Displays the total amount energy this outlet has used (kWh).
Outlet_06_Is_On	D	Indicates when the outlet is on.
Outlet_06_Name_Text	S	Displays the current assigned friendly name of the outlet.
Outlet_06_Current_Draw_Text	S	Displays the amount of current this outlet is drawing (Amps).
Outlet_06_Power_Draw_Text	S	Displays the amount of power this outlet is drawing (Watts).
Outlet_06_Energy_Used_Text	S	Displays the total amount energy this outlet has used (kWh).
Outlet_07_Is_On	D	Indicates when the outlet is on.
Outlet_07_Name_Text	S	Displays the current assigned friendly name of the outlet.

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Outlet_07_Current_Draw_Text	S	Displays the amount of current this outlet is drawing (Amps).
Outlet_07_Power_Draw_Text	S	Displays the amount of power this outlet is drawing (Watts).
Outlet_07_Energy_Used_Text	S	Displays the total amount energy this outlet has used (kWh).
Outlet_08_Is_On	D	Indicates when the outlet is on.
Outlet_08_Name_Text	S	Displays the current assigned friendly name of the outlet.
Outlet_08_Current_Draw_Text	S	Displays the amount of current this outlet is drawing (Amps).
Outlet_08_Power_Draw_Text	S	Displays the amount of power this outlet is drawing (Watts).
Outlet_08_Energy_Used_Text	S	Displays the total amount energy this outlet has used (kWh).
Outlet_Cycle_Time	A	Indicates the current settings for Outlet Cycle Time.
To_Device	S	Connect to the TX\$ String Signal of the RS232 Comm Port Symbol

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**TESTING:**

OPS USED FOR TESTING:	PRO2 - v4.003.0015
SIMPL WINDOWS USED FOR TESTING:	3.11.15
CRES DB USED FOR TESTING:	33.05.005.01
DEVICE DATABASE:	45.00.019.00
SYMBOL LIBRARY USED FOR TESTING:	v828
SAMPLE PROGRAM:	Surgex AxessElite Demo v1.0 PRO2
REVISION HISTORY:	V1.0 – Initial Release