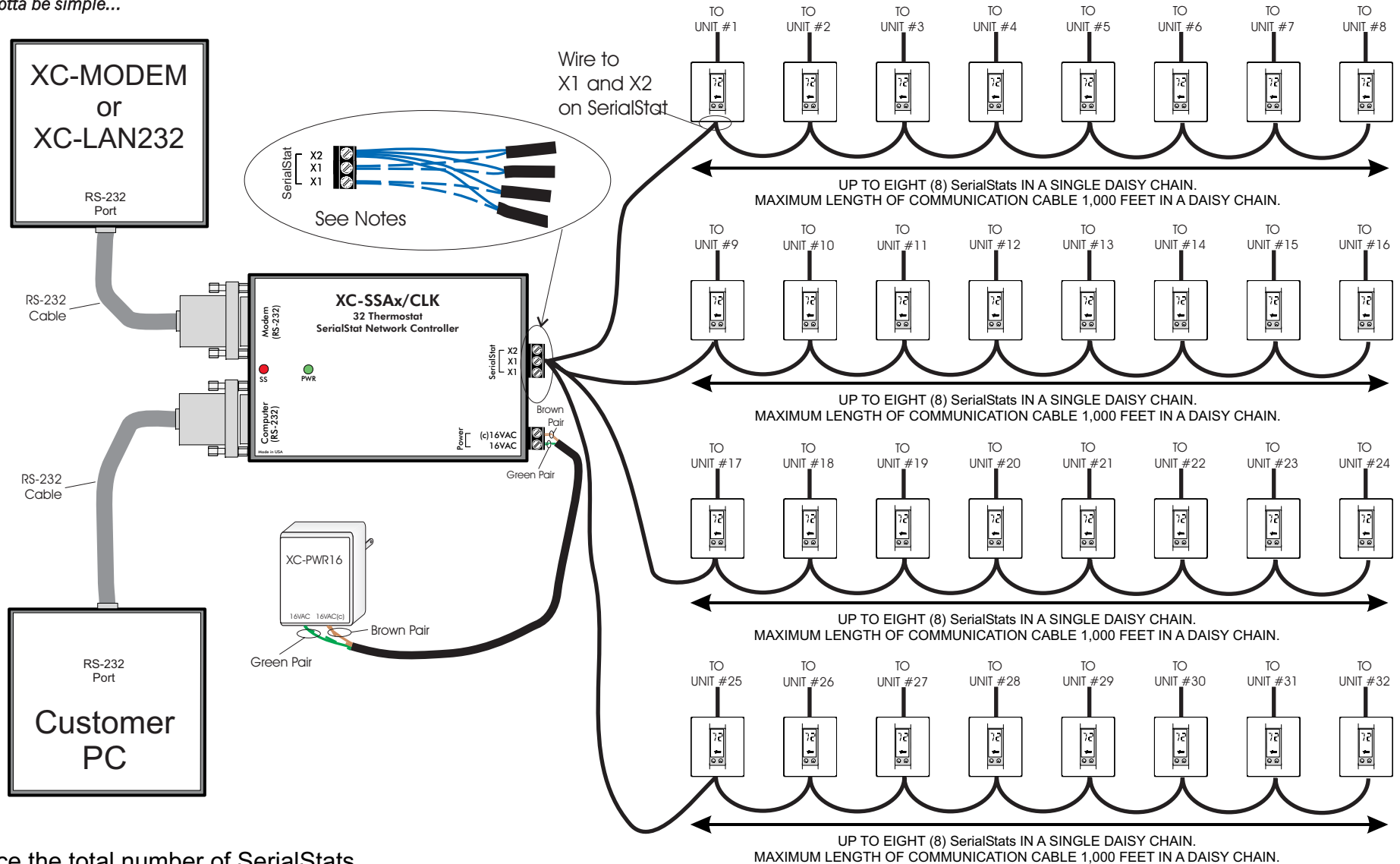


# SerialStat Controller Interface

## Installation and Wiring for Daisy-Chain Configuration



### NOTES:

- 1) Balance the total number of SerialStats between the two X1 terminal screws on the XC-SSAx/CLK
- 2) Terminate all X2 wire connections together at the XC-SSAx/CLK, X2 terminal
- 3) No more than 16 SerialStats can be wired to one XC-SSAx/CLK, X1 terminal
- 4) Use a similar quantity of SerialStats on each daisy chain



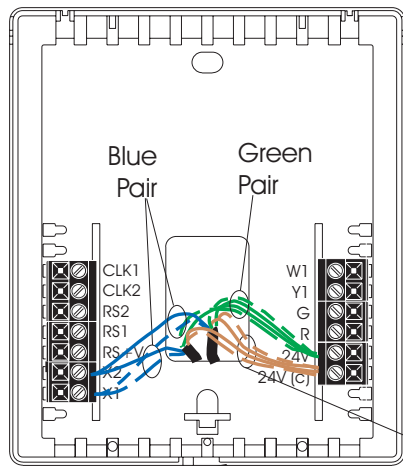
# SerialStat Communications Wiring for use with Daisy Chain Wiring

THERMOSTAT #1

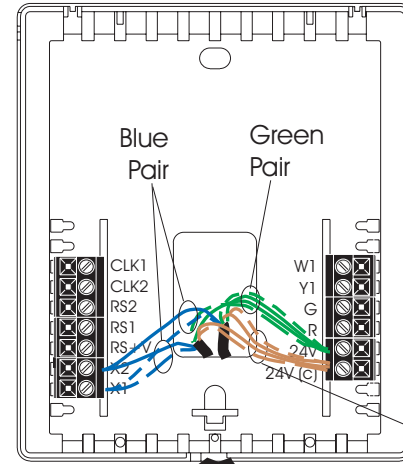
2.....3.....4.....5.....

THERMOSTAT #6

7.....8



Note:  
When powering thermostats from the XC-PWR24, the yellow jumper on the back of the thermostat MUST be removed

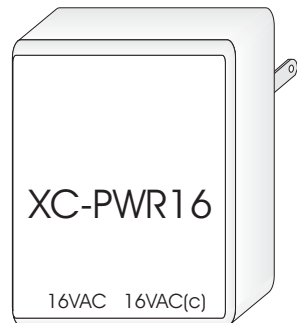


First Daisy Chain of 8 Serial-Stats

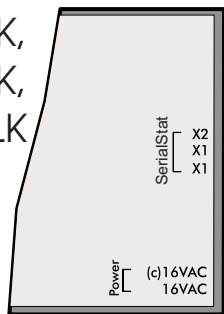
To each SerialStat

To each SerialStat

XC-SSA2/CLK,  
XC-SSA16/CLK,  
XC-SSA32/CLK



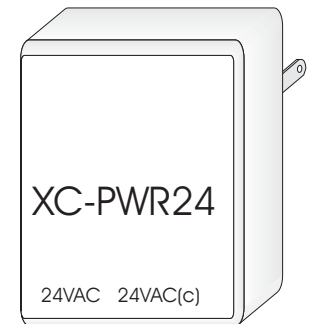
One (1) XC-PWR16 transformer will power up to two (2) XC-SSAx Serial Communications Controllers



Wiring Connections:

- 1) Connect only to same terminations; all X1s together, all X2s together, etc.
- 2) DO NOT reverse connections on power; 24VAC must ALWAYS connect to 24VAC; 24VAC(c) must ALWAYS connect to 24VAC(c)

One (1) XC-PWR24 transformer will power up to eight(8) SerialStat Thermostats



Green Pair  
Brown Pair

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