

INSTRUCTIONS FOR WIRING WEATHER STATION TO SHIVERS PREMIER OR SHIVERS CONVERT 641AL-001A (E-6642)



WARNING

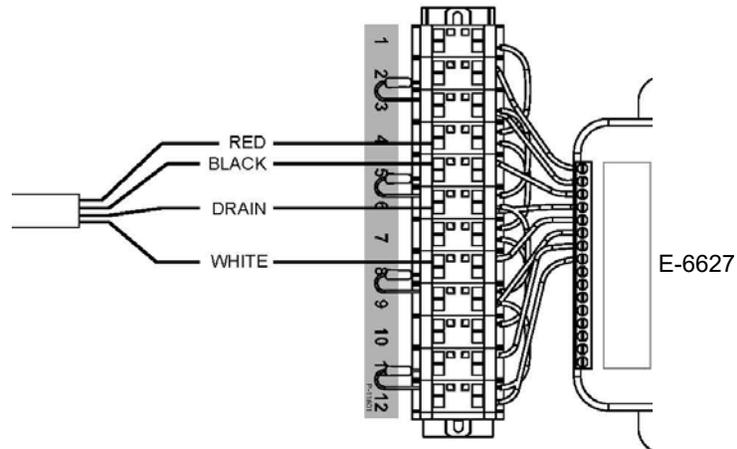
DISCONNECT POWER SUPPLY BEFORE INSTALLATION TO PREVENT ELECTRICAL SHOCK AND EQUIPMENT DAMAGE.

Included in the weather station kit is 50 feet of 3 conductor shielded cable. The Shivers part # if you need to order more is E-6396. You can splice this cable, but remember to splice the drain wire as well as the conductors to prevent interference. Keep this low voltage cable away from wires carrying more than 50 volts.

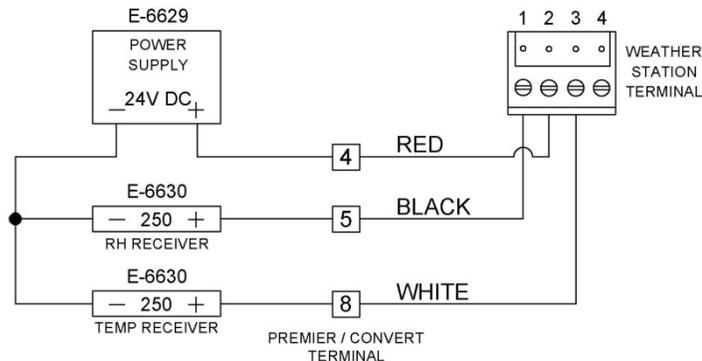
Locate the terminal strip labeled 1-12 inside of the Premier or Convert Control Box. Place the red wire in terminal 4. This will power the weather station. Place the black wire in terminal 5. This is the humidity output of the weather station. Place the white wire in terminal 8. This is the ambient temperature output of the weather station. Place the drain wire in terminal 6. This is the ground from the power supply.

NOTE: EACH TERMINAL HAS 4 LOCATIONS. TOP RIGHT, TOP LEFT, BOTTOM RIGHT, BOTTOM LEFT.

INSTALL WIRES INTO THE LEFT SIDE AND USE WHICHEVER SPOT IS FREE. ONE WIRE PER LOCATION.



At the weather station place the black wire for humidity on terminal 1. Place the red wire in terminal 2 of the weather station to supply the power. Place the white wire in terminal 3 of the weather station for the ambient temperature. Either trim the drain wire at the weather station end or wrap it around the cable to prevent it from contacting the terminal strip. Terminal 4 on the weather station does not have a wire terminated on it.



It is recommended, but not required to place the cable inside of conduit. The weather station should be mounted far enough from the dryer so that moisture coming from the vents during the drying process will not affect the humidity readings.