INSTRUCTIONS FOR WIRING WEATHER STATION TO
SHIVVERS PREMIER OR SHIVVERS 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 Shivvers 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.