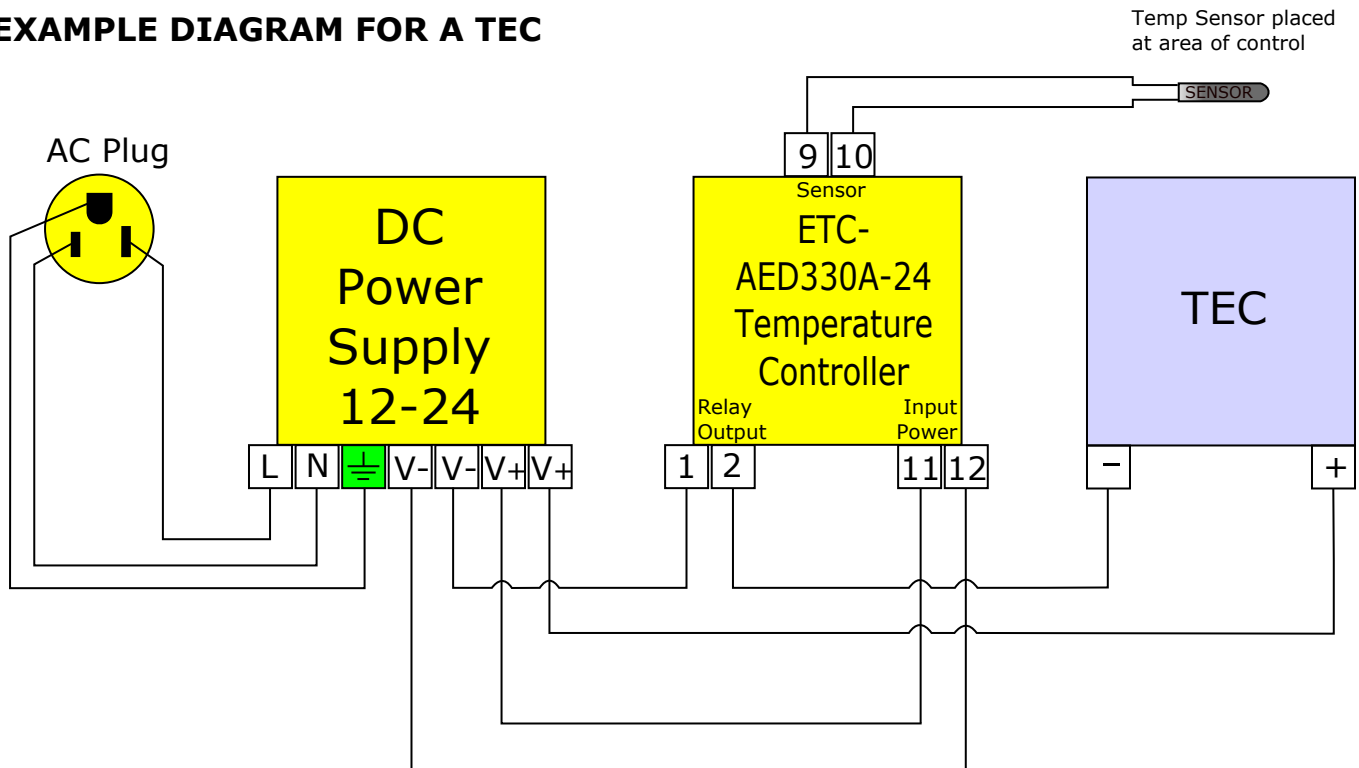


Sample Wiring Diagrams for ETC-AED330A-24

Needed:

- ETC-AED330A-24 Temperature controller, including temperature sensor
- DC Power supply, 12 to 24 volts DC output
- AC power cord, three wire
- TEC or TEC assembly such as ATA, ATP, or ATL products
- Wire for making connections, Minimum AWG 20

EXAMPLE DIAGRAM FOR A TEC

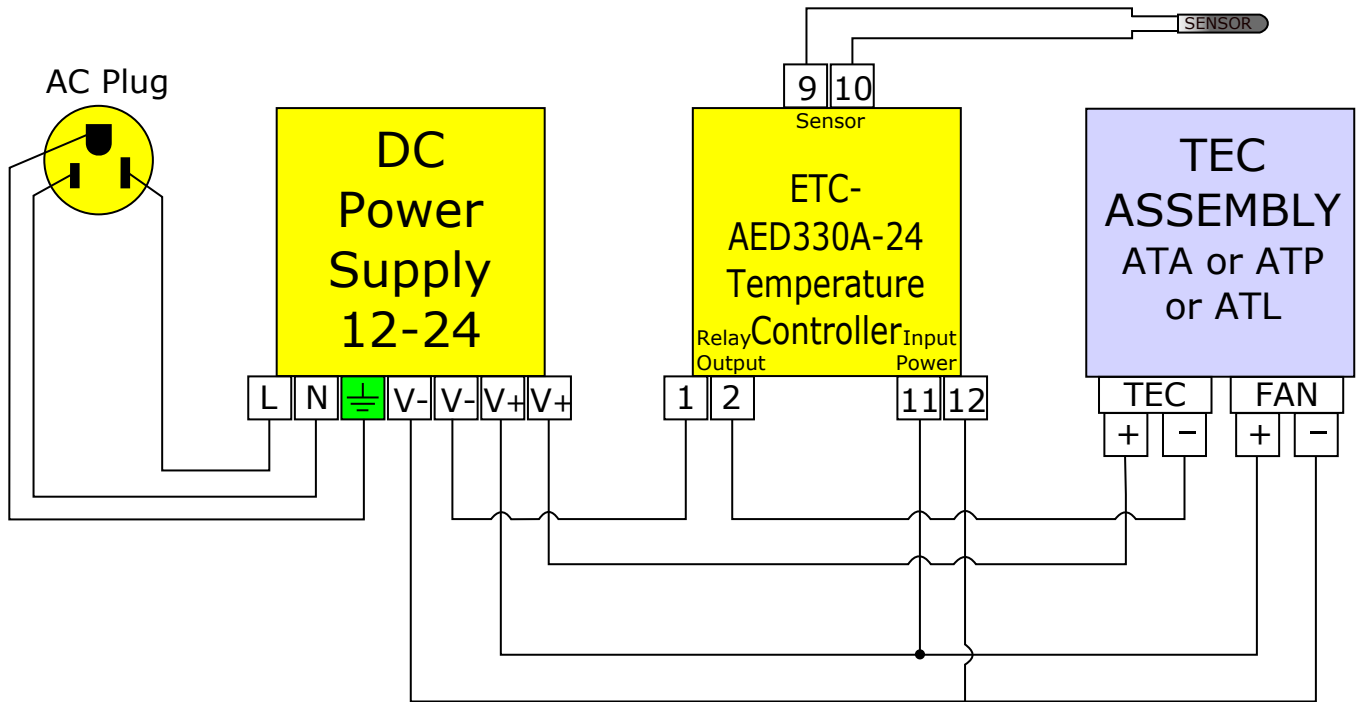


Notes:

1. Some DC power supplies do not have multiple V- and V+ terminals. It is OK to combine all the V- wires together on a single V- terminal and all the V+ wires together on a single V+ terminal.
2. The temperature sensor's location can have a dramatic effect on the effectiveness of the system. Experiment with its location to achieve desired results.
3. The ETC-AED330A-24 controller can operate with a minimum of 12 volts DC of input power on terminals 11 and 12. Make sure terminal 11 is positive (+) DC and terminal 12 is negative (-) DC power. The maximum input power is 24 volts DC.
4. Typical control accuracy can be +/- 2.0 C of setpoint temperature. Tuning of the controllers parameters can create better control accuracy. Please see the ETC-AED330A-24 instructions.

EXAMPLE DIAGRAM FOR A TEC ASSEMBLY

Temp Sensor placed at area of control



EXAMPLE DIAGRAM FOR A TEC with SEPARATE POWER SUPPLY

Temp Sensor placed at area of control

