



Zero degrees of difficulty

Description

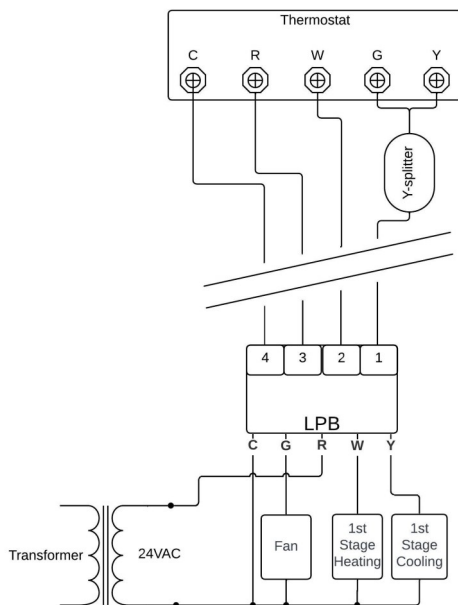
The Lux Power Bridge (LPB) is a c-wire replacement solution for HVAC systems with 4 wires. It work by combining both the fan and cooling signal from the thermostat on to a single wire, thereby releasing a existing wire to be used as the system common (C-wire).

System compatibility

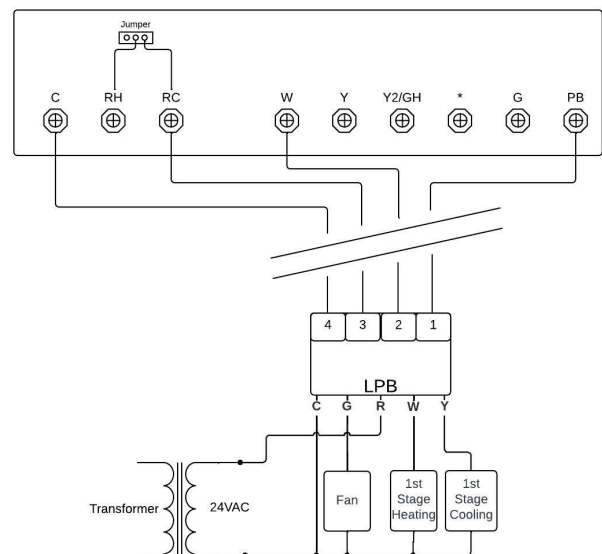
- 24VAC systems with a fan (G) and cool (Y) wire but lacking a common (C) wire
- Not compatible with 120V/240V line voltage systems

Dimensions	H: 2.6" (65mm), W: 2.6" (65mm), D: 0.9" (23 mm)
Electrical Ratings	Power source: 20-30 VAC @50/60Hz Output Rating: 1.5A resistive load per terminal Wire: Solid 18-22AWG, Stranded 20-22 AWG
Temperature Range	Operating Range: 14 [°] F to 113 [°] F (-10 [°] C to 45 [°] C)
Environmental Limits	Moisture and Dust: IP20 Humidity: 20% to 95% non-condensing
Packaging	Included: 1 Y-splitter, mounting hardware, wire label, instructions Master Carton: 5 Units

Wiring diagram



Any other thermostat



Lux TQ1 or TQX thermostat