



Typical power feed to J1 is through a 30 Amp 3 wire or 4 wire dryer cord.

3 wire dryer cord wiring: Right side to J1-1, Left side to J1-2, Center to J1-3.

4 wire dryer cord wiring: Red to J1-1, Black to J1-2, Green to J1-3, White to J1-4.

For safety, this circuit must be protected by a properly rated external 2-pole (240V) breaker.

240VAC Power-In ground (J1-3) and 240VAC to-Element are wired together for safety.

Chassis Ground (optional) is wired to 240VAC Power-In (J1-3) ground for safety if you build your controller in a metal chassis.

All wire directly between 240VAC Power-In and 240VAC to-Element must be #12 gauge THHN Copper.

Wiring to the PID and between the PID and SSR does not need to be as heavy as the main power wire and can be as small as #22 gauge. But everything can be wired with #12 gauge if you only want to buy one size wire.

www.kegkits.com

Basic 240V PID SSR Controller -W/O- Disconnect

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