



Low cost, direct replacement ignition control

Features

- For use with intermittent pilot boilers, furnaces and other heating appliances
- Microprocessor-based precision
- Monitors timing, trial for ignition, flame sensing and lockout
- Remote flame sensing
- 100% lockout safety feature
- Compatible with LP or Natural Gas
- Status LED for fault codes to aid in troubleshooting
- Replaces: Johnson Controls G776 (63K2401, 41K8701, 69J3601) ignition controls, Lennox 30W33 ignition control, Robertshaw 735L (18G91) or 745 (95H04) ignition controls



Specifications

- Control Voltage:** Line 24 VAC (18-30 VAC) 50/60 Hz
- Anticipator Setting:** 0.2A plus valve load @ 24 VAC
- Prepurge:** 15 seconds
- Trial for Ignition:** 85 seconds
- Lockout:** 60 minutes
- Flame Failure Response Time:** 0.5 seconds
- Status LED:** See product label for error codes
- Operating Temperature:**
- Minimum ambient temperature rating is -40°F (-40°C)
 - Maximum ambient rating when used with 2.0A main valve is 165°F (74°C)
- Relative Humidity:** 0% to 95% non-condensing

Wiring Diagram

