



BCU 370 Installation Notes:

1. If burner start switch (call for heat) is to remain in limit circuit, jumper BCU terminals 21 to 24. If the burner start switch is to be commanded separately, wire the switch to BCU terminal 21.
2. External ignition transformers are to be wired to terminal 16. The transformer is pre-wired when the BCU370 is ordered with an integral ignition transformer.
3. If UV is used, a Kromschroder UV scanner must be used for proper BCU operation.
4. Use BCU 370 output pin 4 if burner is direct-spark ignited (there is no pilot). Use output 5 and 6 for piloted burners.
5. If the existing RM7895 is implemented with relight (JR2 is intact), configure the BCU for re-light after flame fail (after flame proving period) if relight operation is required (BCU parameter 8).
6. The BCU370 is designed for all three flame detection methods: Flame rod, UV, and UV self check. Wire The BCU according to desired detection method.
7. If blocking valve is to be wired independent of the main fuel valve and pilot valve, the valve can be wired on BCU terminal 4. If not, wire both the blocking valve and the main valve to terminal 6.
8. Set pilot flame establishing period (per JR1 configuration) using BCU parameters 12 and 13.
9. Adjustments can be made for the Delayed Valve using BCU parameter 13
10. Follow flame detector wiring practices for the BCU.

