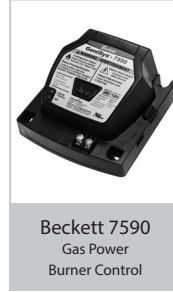# GENISYS® GAS LOCKOUT ALARM
Installation Instructions

Kit Includes Beckett 7710 Gas Lockout Alarm Module with 18" cable (Pt. No. 33066-001).

Designed specifically for these Beckett controls:

Beckett 7590
Gas Power
Burner Control

Beckett 7586
Gas Intermittent
Pilot Control

Description

The 7710A GeniSys® Gas Control Lockout Alarm Module, is an optional accessory designed specifically for use with Beckett 7590 or 7586 GeniSys gas ignition controls. The alarm module provides the interface between the ignition control and an existing alarm panel or any alarm mechanism requiring contact closure when the ignition control locks out. This alarm module cannot be used with GeniSys Oil Primary controls.

Specifications

- Alarm Module Contact Switching Current: *10 mA to 2 Amps (AC or DC)*

- Alarm Module Switching Voltage: *5 to 120V (AC or DC)*

- Storage & Operating Ambient Temp: *-40°F to +175°F (-40°C to +79.5°C)*

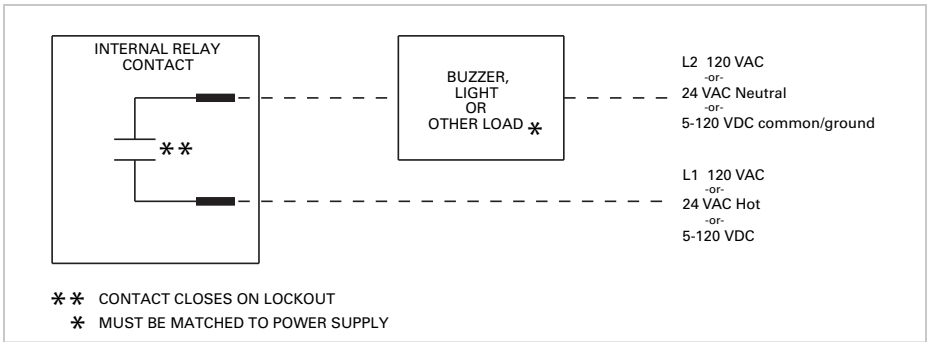- Humidity (noncondensing & non-crystalizing): *5 to 95% RH*

Operation

When power is applied to the ignition control, the alarm module continuously monitors the GeniSys control for a lockout signal. If the control module sends a lockout signal to the alarm module, the normally open relay contacts on the alarm module close the circuit between the two quick connect terminals. The terminals are "dry contacts" meaning that no power is supplied to the terminals from the lockout module. The terminals on the 7710 only pass through power provided from an external source to the light, buzzer or alarm panel. When the control module clears the lockout signal or power is removed from the control, the alarm module relay contacts will open.
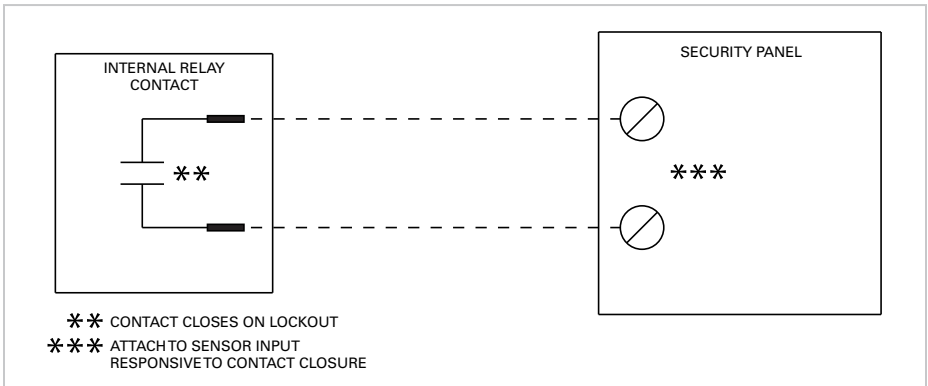
Installation

1. Select a mounting site within 18" of the gas ignition module. Make sure the mounting screws will not damage the appliance. If a longer cable is needed, order Beckett # 33006-002 (48").

2. Mount the alarm module using the provided #6 self-drilling sheet metal screws.

3. Plug the female connector on the supplied cable into the connector on the bottom of the alarm module. Plug the male connector into the com connector on the 7590 or 7586 gas ignition control.

4. Use 1/4" insulated female quick connects for connections to the 7710. Follow the diagrams below for connecting the required power supply to a light or buzzer or connecting an alarm panel.

Typical Alarm Light or Buzzer Connection

```
INTERNAL RELAY
   CONTACT
                          BUZZER,          L2  120 VAC
                           LIGHT                -or-
                            OR            24 VAC Neutral
                        OTHER LOAD  *         -or-
        **                                5-120 VDC common/ground

                                         L1  120 VAC
                                             -or-
                                         24 VAC Hot
                                             -or-
                                         5-120 VDC
```

** CONTACT CLOSES ON LOCKOUT
 * MUST BE MATCHED TO POWER SUPPLY

Typical Security Panel Connection

```
                                         SECURITY PANEL
INTERNAL RELAY
   CONTACT

        **                                  ***
```

** CONTACT CLOSES ON LOCKOUT
*** ATTACH TO SENSOR INPUT
      RESPONSIVE TO CONTACT CLOSURE

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