

Dual Action BG-12LA

## BG-12LA Manual Pull Station

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### Description:

The BG-12LA Pull Station is a non-coded manual pull station which provides a Fire Alarm Control Panel (FACP) with a single alarm initiating input signal. The pull station also provides a second set of contacts rated up to 3 Amps at 30 volts (AC or DC), for auxiliary functions. The BG-12LA is a dual action model equipped with a key lock reset. It is UL listed and meets the ADA requirement of a 5-lb. maximum pull down force to activate. Operating instructions are molded into the handle. Molded terminal numbers can also be found adjacent to the wiring terminals.

### Mounting

Surface mount the BG-12LA pull station to a SB-10 surface backbox. Semi-flush mount the BG-12LA to a standard single-gang, double-gang, or 4-inch (10.16 cm) square electrical box.

### Switch Contact Rating

FACP Circuit (Terminals 1 & 2):

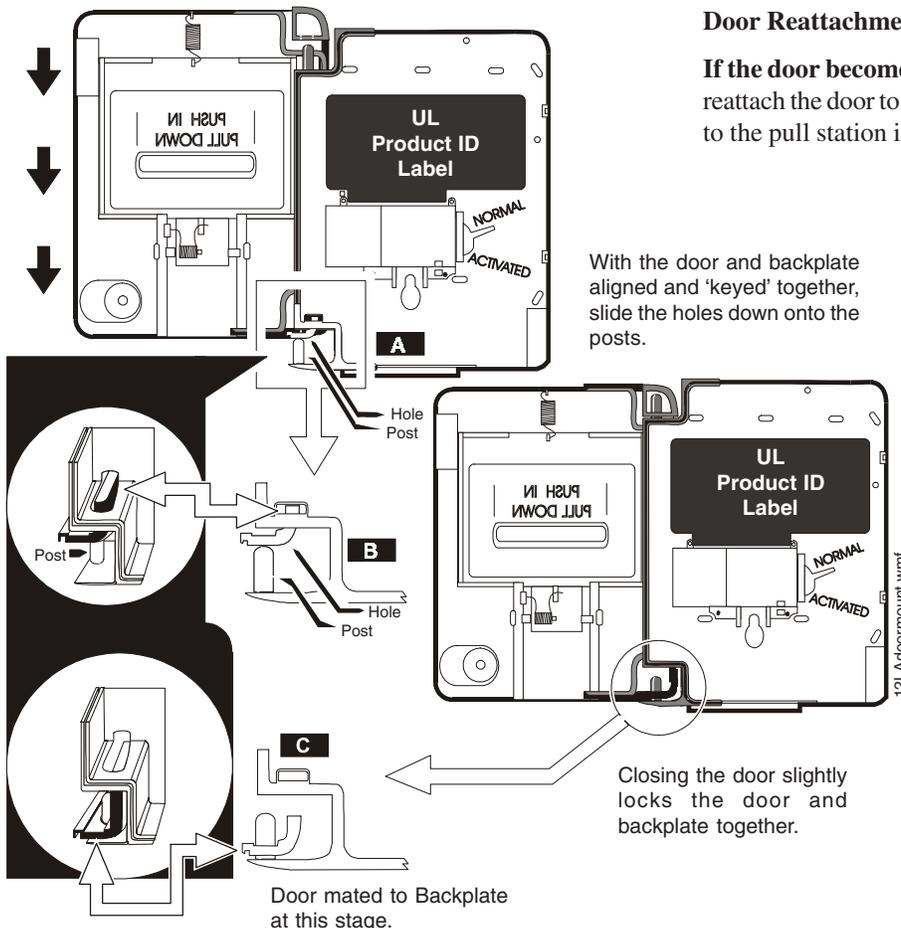
Rated to .25 Amp at 30 Volts (AC or DC).

Auxiliary Contact Circuit (Terminals 3 & 4):

Rated to 3 Amps at 30 Volts (AC or DC).

### Door Reattachment

If the door becomes detached, complete the following steps to reattach the door to the backplate. The door cannot be connected to the pull station if the unit is mounted to a backbox.



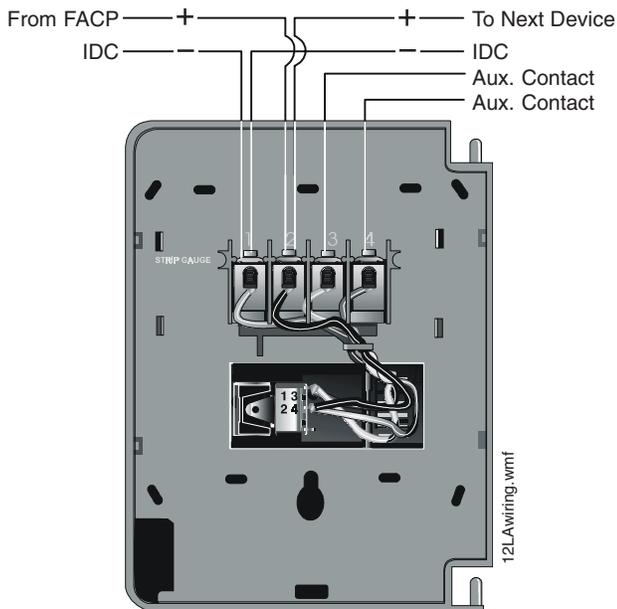
With the door and backplate aligned and 'keyed' together, slide the holes down onto the posts.

Closing the door slightly locks the door and backplate together.

1. Position the door and backplate side by side in the full open position. (i.e. 180-degrees with respect to each other.)
2. With the backplate position fixed, move the door behind the backplate, as shown in the illustration, part A.
3. Align the hinge posts and holes by bringing the door up to meet the backplate, paying particular attention to the 'keying' that occurs when the door's post hole is aligned to the backplate's hinge post. Refer to the illustration, part B.
4. With the two pieces aligned and 'keyed' together, slide the holes down onto the posts. Refer to the illustration, part C.
5. Holding the backplate, close the door slightly to lock the door and backplate together.

## Wiring Instructions

- 1) Before mounting the pull station, pull all necessary wiring through the backbox.
- 2) Remove the correct amount of wire insulation. The pull station's backplate is molded with a strip gauge to measure the amount of insulation to be removed.
- 3) Connect the wiring from the fire alarm control panel's Initiating Device Circuit (IDC), or any previous device on the IDC to terminals 1 and 2 located on the pull station's terminal strip. Connect the next device on the IDC or End-of-Line Resistor (ELR) to terminals 1 and 2. Note: Maintain consistent polarity with all connections throughout the IDC.
- 4) Connect the wiring for the normally open (N/O) auxiliary switch circuit to terminals 3 & 4.



BG-12LA Wiring

## Operation

To activate the dual-action station, first push in the handle, and then pull the handle down. The handle locks into the activated position. The word 'ACTIVATED' appears after the handle is pulled down. The pull station remains in the activated position until reset with the key lock.

- 1) Reset the BG-12LA by inserting the key into the lock and turning it ¼ turn (counter-clockwise).
- 2) Open the door until the handle returns to the 'NORMAL' position.
- 3) Close and lock the door. Closing the door automatically resets the switch to the 'NORMAL' position. Note: Opening the pull station door will not activate or deactivate the FACP alarm switch or the auxiliary function switch.



BG-12LA Pull Station  
(Shown Activated)

## CAUTION

Install the pull station in accordance with the supplied instructions, applicable NFPA standards, national and local Fire and Electrical codes and the requirements of the Authority Having Jurisdiction (AHJ). Conduct regular testing of the devices using appropriate NFPA standards. Fire•Lite is not responsible for devices that have not been properly installed, tested or maintained. For ADA compliance, if the clear floor space only allows forward approach to an object, the maximum forward reach height allowed is 48 inches (121.92cm). If the clear floor space allows parallel approach by a person in a wheelchair, the maximum side reach height allowed is 54 inches (137.16cm).