FIRE-LITE® ALARMS

BG-12SL Single Action Pull Station

Document: 51860 Revision: A ECN: 01-500 09/14/01

Patented, U.S. Patent No. Des. 428,351 Other Pantents Pending

Description

The BG-12SL 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 is a single-action model equipped with a key lock/reset. Pigtail wires are provided for connection to the FACP Initiating Device Circuit.

It is UL listed and meets the ADA requirement of a 5-lb. maximum pull force to activate. Operating instructions are molded into the handle along with Braille text.

Switch Contact Rating

All Switch contacts are rated for 0.25 A at 30 volts (AC or DC).

Installation

The pull station can be surface mounted to a Surface Backbox (SB-10) or semi-flush mount to a standard double-gang, or 4-inch (10.16cm) square electrical box. An optional Trim Ring (BG-TR) may be used when semi-flush mounting the unit.

CAUTION: The door of the p
the backplate and cannot be
installed on an SB-10 surface b

To re-attach the door----

Hold door (A) to the rear of th
the figure below. Bring door fo
holes. Slide door down (2) c
partially to lock into place.

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Operation

To activate the pull station, simply pull down the handle. The word 'ACTIVATED' appears after the handle is pulled down. This will remain until the pull station is reset.

This pull station includes one Single Pole, Single Throw (SPST) Normally Open (N/O) switch which closes upon activation of the pull station.

Resetting the Pull Station

1. Insert the key into the lock and rotate 1/4 turn counterclockwise.
2. Open the door until the handle returns to normal.
3. Close and lock the door.

Note: Closing the door automatically resets the switch to the 'Normal' position. Opening the door will not activate or deactivate the alarm switch.

Wiring Instructions for BG-12SL

Prior to wiring the pull station, pull all necessary wiring through a mounted backbox and the optional trim ring.

Connect the field wiring from the FACP's IDC, or previous device on the IDC, to the pull station's pigtail wires.

1. Connect the positive (+) FACP's IDC wire to a red pigtail wire and the negative (–) FACP's IDC wire to a black pigtail wire.
2. Connect the positive (+) wire going to the next device, or an ELR, to the remaining red pigtail wire and the negative (–) wire going to the next device, or an ELR, to the remaining black pigtail wire.
3. Maintain consistent polarity with all connections throughout the IDC.

Caution

Install the pull station in acc
instructions, applicable NFPA s
Fire and Electrical codes an
Authority Having Jurisdictio
testing of the devices using a
Fire•lite Alarms is not responsi
been properly installed, tested

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ADA Compliance

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 allowed is 54-inches (137.16cm).

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