



**Fire-Lite® Alarms**

[www.firelite.com](http://www.firelite.com)

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DF-52013 E-500

## **BG-12LX** **Addressable Manual Pull Station**

Section: Addressable Devices

### **GENERAL**

The **Fire•Lite BG-12LX** is a state-of-the-art, dual-action (i.e., requires two motions to activate the station) pull station that includes an addressable interface (mounted inside) for Fire•Lite's addressable MS-9200 and MS-9600 fire alarm control panels. Because the BG-12LX is addressable, the control panel can display the exact location of the activated manual pull station. This leads fire service personnel quickly to the location of the alarm.

### **FEATURES**

- Aesthetically pleasing, highly visible, dual-action design.
- Meets ADA 5 lb. maximum pull force.
- Easily operated (dual-action).
- Attractive shape and textured finish.
- Mounts, semi-flush, to a standard single-gang (2.125" [5.3975 cm] minimum depth), double-gang, or 4" (10.16 cm) square electrical box.
- When the handle latches in down position, the word "ACTIVATED" appears at the top of the handle in bright yellow to clearly indicate the station has been operated.
- Key/lock reset; needs only a 1/4-turn to lock/unlock.
- Includes Braille text on station handle.
- Captive screw terminals wire-ready for easy connection to SLC loop (accepts up to 12 AWG/3.25 mm<sup>2</sup> wire).
- Optional trim ring (**BG-TR**).
- Meets UL 38, Standard for Manually Actuated Signaling Boxes.
- Maintenance personnel can open station (for inspection and testing) without causing an alarm condition.
- Built-in bicolor LED, which is visible through the handle of the station, flashes red in normal operation and latches on steady red when in alarm.

### **CONSTRUCTION**

Shell, door, and handle are molded of durable LEXAN® (or polycarbonate equivalent) with a textured finish.

### **OPERATION**

Pushing in, then pulling down on the handle causes it to latch in the down/activated position. Once latched, the word "ACTIVATED" (in bright yellow) appears at the top of the handle, while a portion of the handle protrudes from the bottom of the station. To reset the station, simply unlock the station with the key and pull the door open. This action resets the handle; closing the door automatically resets the switch.



California  
State Fire  
Marshal  
7150-0075:184



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**BG-12LX**

Manual stations connect with two wires to one of the control panel SLC loops. Each manual station, on command from the control panel, sends data to the panel representing the state of the pull station switch. Two rotary decimal switches allow address settings (01-99).

### **PRODUCT LINE INFORMATION**

- BG-12LX** Dual-action addressable pull station. Includes key lock/reset feature.
- SB-10** Surface backbox.

LEXAN® is a registered trademark of GE Plastics, a subsidiary of General Electric Company.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Fire•Lite Alarms, One Fire-Lite Place, Northford, Connecticut 06472. Phone: (800) 627-3473, Toll Free FAX: (877) 699-4105, FAX Back:(888) 388-3299.

**ISO 9001**  
**CERTIFIED**  
ENGINEERING & MANUFACTURING



Made in the U.S.A.

## INSTALLATION

The BG-12LX can be semi-flush mounted into a single-gang, double-gang, or standard 4" (10.16 cm) square electrical outlet box, or surface mounted to the Model SB-10 surface backbox. If the BG-12LX is semi-flush mounted, then the optional trim ring (BG-TR) may be used. The BG-TR is usually needed for semi-flush mounting with 4" (10.16 cm) or double-gang boxes (not with single-gang boxes).

## ELECTRICAL SPECIFICATIONS

**Normal operating voltage:** 24 VDC.

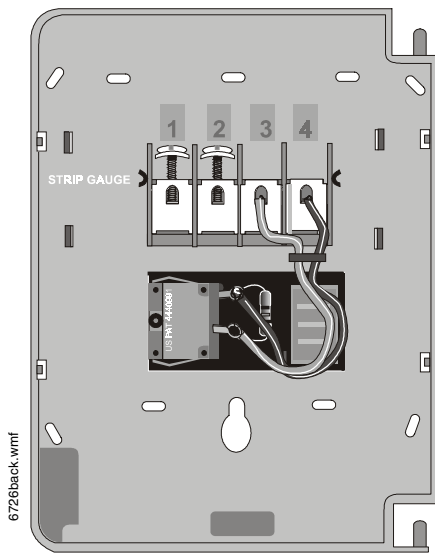
**Maximum SLC loop voltage:** 28.0 VDC.

**Maximum SLC loop current:** 230  $\mu$ A.

## ARCHITECTURAL/ ENGINEERING SPECIFICATIONS

Manual Fire Alarm Stations shall be non-code, with a key-operated reset lock in order that they may be tested, and so designed that after actual Emergency Operation, they cannot be restored to normal except by use of a key. An operated station shall automatically condition itself so as to be visually detected as activated. Manual stations shall be constructed of red-colored LEXAN® (or polycarbonate equivalent) with clearly visible operating instructions provided on the cover. The word **FIRE** shall appear on the front of the stations in white letters, 1.00 inches (25.4 mm) or larger. Stations shall be suitable for surface mounting on matching backbox SB-10; or semi-flush mounting on a standard single-gang, double-gang, or 4" (10.16 cm) square electrical box, and shall be installed within the limits defined by the Americans with Disabilities Act (ADA) or per national/local requirements. Manual Stations shall be Underwriters Laboratories listed.

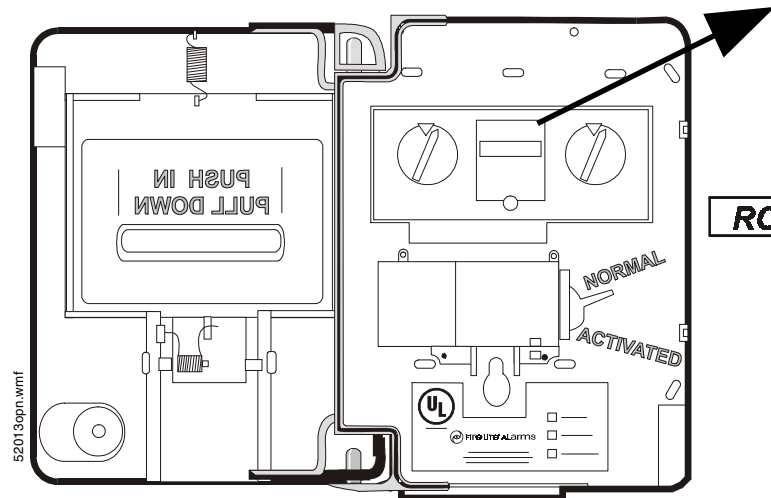
Manual stations shall connect with two wires to one of the control panel SLC loops. The manual station shall, on command from the control panel, send data to the panel representing the state of the manual switch. Manual stations shall provide address setting by use of rotary decimal switches.



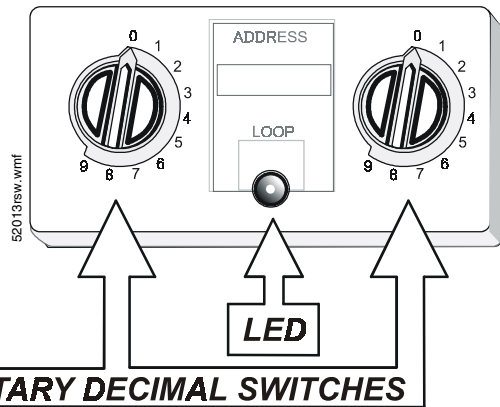
### TERMINAL CONNECTIONS

- 1 SLC (-)
- 2 SLC (+)

**Back of station without door.**



**Cover open to show easy access to MMX module, rotary switch, and UL label.**



**ROTARY DECIMAL SWITCHES**