



October 2, 2001

DN-6643 • I-410

## NBG-12 Series Non-Coded Manual Fire Alarm Pull Stations

Section: Conventional Initiating Devices

### GENERAL

The NOTIFIER **NBG-12 Series** is a cost-effective, feature-packed series of non-coded manual fire alarm pull stations. It was designed to meet multiple applications with the installer and end-user in mind. The NBG-12 Series features a variety of models including single- and dual-action versions.

The NBG-12 Series provides conventional fire alarm control panels such as the SGL-2000, SFP Series, XP Transponders, System 5000, and System 500 with an alarm initiating input signal. Its innovative design, durable construction, and multiple mounting options make the NBG-12 Series simple to install, maintain, and operate.

### FEATURES

- Aesthetically pleasing, highly visible design and color.
- Attractive contoured shape and light textured finish.
- Meets ADA 5 lb. maximum pull-force.
- Meets UL 38, Standard for Manually Actuated Signaling Boxes.
- Easily operated (single- or dual-action), yet designed to prevent false alarms when bumped, shaken, or jarred.
- PUSH IN/PULL DOWN handle latches in the down position to clearly indicate the station has been operated.
- The word "ACTIVATED" appears on top of the handle in bright yellow when the station has been operated, further indicating operation of the station.
- Operation handle features white arrows showing basic operation direction for non-English-speaking persons.
- Braille text included on finger-hold area of operation handle and across top of handle.
- Multiple hex- and key-lock models available.
- U.S. patent pending hex-lock needs only a quarter-turn to lock/unlock.
- Station can be opened for inspection and maintenance without initiating an alarm.
- Product ID label viewable by simply opening the cover; label is made of a durable long-life material.
- The words "NORMAL" and "ACTIVATED" are molded into the plastic adjacent to the alarm switch (located inside).
- Four-position terminal strip molded into backplate.
- Terminal strip includes Phillips combination-head captive 8/32 screws for easy connection to Initiating Device Circuit (IDC).
- Terminal screws backed-out at factory and shipped ready to accept field wiring (up to 12 AWG/3.25 mm<sup>2</sup>).
- Terminal numbers are molded into the backplate, eliminating the need for labels.
- Switch contacts are normally open.

**PATENTED, U.S. PATENT NO. D428,351  
OTHER U.S. PATENTS PENDING**



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- Can be surface-mounted (with SB-10) or semi-flush mounted. Semi-flush mount to a standard single-gang, double-gang, or 4" (10.16 cm) square electrical box.
- Backplate is large enough to overlap a single-gang backbox cutout by 1/2" (12.7 mm).
- Optional trim ring (BG-TR).
- Spanish version (*FUEGO*) available (NBG-12LSP).
- Designed to replace the popular NBG-10 Series.
- Models packaged in attractive, clear plastic (PVC), clamshell-style, Point-of-Purchase packages. Packaging includes a cutaway dust/paint cover in shape of pull station.

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 NOTIFIER. Phone: (203) 484-7161 FAX: (203) 484-7118



**NOTIFIER**

12 Clintonville Road, Northford, Connecticut 06472

**ISO 9001  
CERTIFIED**  
ENGINEERING & MANUFACTURING

## CONSTRUCTION

- Cover, backplate and operation handle are all molded of durable polycarbonate material.
- Cover features white lettering and trim.
- Red color matches System Sensor's popular SpectrAlert™ horn/strobe series.

## OPERATION

The NBG-12 manual pull stations provide a textured finger-hold area that includes Braille text. In addition to PUSH IN and PULL DOWN text, there are arrows indicating how to operate the station, provided for non-English-speaking people.

Pushing in and then pulling down on the handle activates the normally-open alarm switch. Once latched in the down position, the word "ACTIVATED" appears at the top in bright yellow, with a portion of the handle protruding at the bottom as a visible flag. Resetting the station is simple: insert the key or hex (model dependent), twist one quarter-turn, then open the station's front cover, causing the spring-loaded operation handle to return to its original position. The alarm switch can then be reset to its normal (non-alarm) position manually (by hand) or by closing the station's front cover, which automatically resets the switch.

## SPECIFICATIONS

### Physical Specifications:

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	NBG-12	SB-10	WP-10
<b>Height:</b>	5.500 inches (13.97 cm)	5.500 inches (13.97 cm)	6.000 inches (15.24 cm)
<b>Width:</b>	4.121 inches (10.4673 cm)	4.125 inches (10.4775 cm)	4.690 inches (11.9126 cm)
<b>Depth:</b>	1.390 inches (3.5306 cm)	1.375 inches (3.4925 cm)	2.000 inches (5.08 cm)

### Electrical Specifications:

**Switch contact ratings:** gold-plated; rating 0.25 A @ 30 VAC or VDC. **Auxiliary contact circuit** (Terminals 3 & 4, NBG-12LA): rated to 3.0 A @ 30 VAC or VDC.

## ENGINEERS' & ARCHITECTS' SPECIFICATIONS

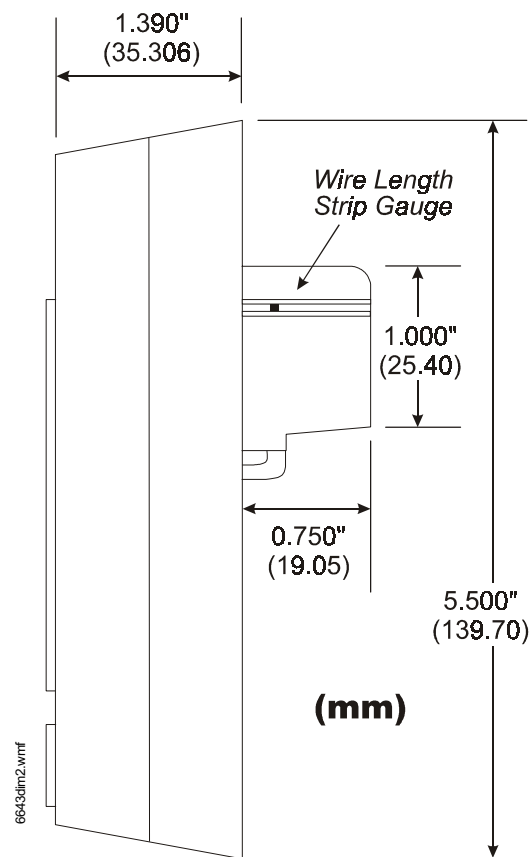
Manual Fire Alarm Stations shall be non-code, with a key- or hex-operated reset lock in order that they may be tested, and so designed that after actual Emergency Operation, they cannot be restored to normal except by use of a key or hex. An operated station shall automatically condition itself so as 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.

\***NOTE:** The words "FIRE/FUEGO" on the NBG-12LSP shall appear on the front of the station in white letters, approximately 3/4" high.

## PRODUCT LINE INFORMATION

<i>Model</i>	<i>Description</i>
<b>NBG-12S</b>	Single-action pull station with pigtail connections, hex lock.
<b>NBG-12</b>	Dual-action pull station with SPST N/O switch, hex lock, screw terminal connections.
<b>NBG-12L</b>	Same as NBG-12 with key lock.
<b>NBG-12LSP</b>	Same as NBG-12L with English/Spanish (FIRE/FUEGO) labeling.
<b>NBG-12LOB</b>	Dual-action pull station with key lock, outdoor applications listings ( <b>NBG-12LO</b> ), and backbox. Includes <b>WBB</b> weatherproof backbox, and sealing gasket. Model will also mount to <b>WP-10</b> weatherproof backbox in retrofit applications.
<i>NOTE: NBG-12LO not available separately; NBG-12LO + approved backbox = NBG-12LOB. Outdoor applications listings apply to NBG-12LOB combination.</i>	
<b>NBG-12LA</b>	Dual-action pull station with key lock and annunciator contacts.

*NOTE: For addressable NBG-12 models, see data sheet DN-6726.*



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