

## Description

The Non-Coded Century Station is a modern, compact design that complies with the architectural requirements for a manual alarm initiating device which does not detract from the decorative aspects of a building interior, yet is easily observed.

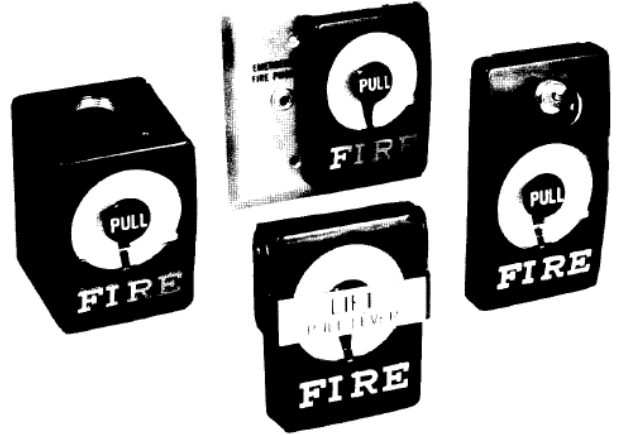
The Century Station is shock and vibration resistant as no mercury element type contacts are used. A toggle switch of rugged construction provides exceptionally high resistance to accidental operation from sudden shock. Because the pull level does not extend from the box, accidental operation from contact with moving objects is virtually impossible.

The Century Stations are available in three (3) models which can be used for both surface or semi-flush installation. Model M46-28 has a N/O alarm contact with 4-wire leads for in and out connections. Model M46-29 and M46-30 use screw terminals for in and out alarm connections and an extra Form C auxiliary contact. In addition, Model M46-30 provides a Form C general alarm keyswitch which is mounted behind the pull level. The keyswitch is not accessible until the pull level is operating. The general alarm keyswitch is provided with duplicate terminals for in and out wiring.

## Operation

The station is essentially a switch, enclosed in the fire alarm box shell. It is operated by the simple act of pulling forward a readily identifiable bullseye alarm lever marked, "Pull". Upon operation, this lever locks in the alarm position and remains in this position until the alarm is reset by an authorized person. To reset the alarm, release the screw at the top right edge of the station or use the CAT60 key with the Key Reset option. Both of these actions release the front of the station which is hinged at the bottom, thereby exposing the toggle switch which can then be manually reset, permitting the cover to be replaced in its normal position.

## Non-Coded Century Station



## Features

- Durable construction.
- Compact design, blends with surroundings.
- Recessed pull level prevents accidental operation.
- Self-clearing breakglass design.
- Shock and vibration resistant.
- Available with wire leads or screw terminals.
- Surface or semi-flush installation.
- Optional general alarm keyswitch.
- Double action option.
- Die cast aluminum construction.

GAMEWELL-FCI

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An optional breakglass rod may be used with all stations. However, it does not detract from the station's appearance when it is not used. The breakglass type station is frequently specified as an added feature as this enclosure protects the station from an inadvertent attempt to initiate a false alarm. It also provides additional protection against tampering. The self-cleaning design prevents the jamming of the station and there is no danger to the operator from broken particles of glass. Space is provided within the station housing for storage of one replacement glass rod.

### Standard Application

The Century Station provides a non-coded manual alarm initiating input to a Gamewell conventional fire alarm system; for example, Flex 300/3000, Flex 500/SimpliFire, Zans 400, INS-2 CZI's.

### Engineer's Specifications

The manual fire alarm station shall be a Gamewell Century Station model number M-46 and shall be listed by U.L. Inc.

The single/double action non-coded station shall consist of a die-cast aluminum housing fitted with a pullout lever which, when operated, locks in position after reactivating alarm initiating contact.

The body of the manual station shall be hinged to a backplate assembly which is locked by a slot head screw. Resetting the station after operation shall require opening the front cover for access to the alarm switch.

The manual fire alarm station is adaptable for surface or semi-flush installation. In addition, there are provisions for a self-clearing breakglass mechanism and a key operated general alarm switch, accessible only after the pull out lever has been activated.

### Installation

For surface-type stations, a die-cast backbox P/N 28762 must be ordered separately. This backbox has tapped holes top and bottom for a 3/4" conduit. Conduit bushings must be used to avoid abrasion of the incoming wires. The unused conduit entrance should be closed with a 3/4" flush pipe plug, (not furnished). Also a 1/2" or 1" conduit can be used with proper bushings.

### Weatherproof Gasket:

Neoprene gasket pin 50397 with adhesive backing provides for weatherproof installation on a surface backbox P/N 28762.

For a semi-flush installation, a standard 4" or 4-11/16" square box with a single gang plaster ring is recommended. The total depth between the back of the wall box and the face of the plaster ring must be at least 2-1/2". If a 1-1/2" deep box is used, the plaster ring must be at least 1" deep. If a 2" deep box is used, the plaster ring must be at least 1/2" deep. A single gang switch box cannot be used.

### Breakglass Option

Place the glass rod in the slots on the hinged front. Be sure the "PULL" lever is always behind the glass rod. Return the hinged front to the station and tighten the slot head screw securely to assure proper engagement of the station assembly.

### Double Action Option

Requires lifting double action lever before pulling down "PULL" lever.

### Key Reset Option

Requires turning a standard CAT60 key (included) to reset the station. Key reset option for flush mounted installations only.

<b>Material:</b>	Box face, pull lever, target background, and backbox for surface mounting are die-cast aluminum. (backbox sold separately).
<b>Finish:</b>	Fire alarm red, smooth gloss enamel. Raised cast lettering is highlighted. Target background for pull lever is white gloss enamel.
<b>Dimensions:</b>	M-46: 4-5/8" H x 3-1/4" W x 15/16" D  M-46 with key reset option: 6 1/4" H x 3 1/4" W x 15/16" D  Surface backbox pin 28762: 4 5/8" H x 3 1/4" W x 2 3/8" D
<b>Contact Rating:</b>	SPST, DPDT 6 amps at 125 VAC/VDC 3 amps at 250 VAC/VDC SPDT (keyswitch) 3 amps at 125 VAC
<b>Shipping Weights:</b>	All flush stations 1 lb., surface backbox 1 lb.

## Ordering Information

<b>Part Number</b>	<b>Description</b>
M46-28	SPTST switch with in and out leads on initiating circuit.
M46-28T	SPST switch with terminals.
M46-29	DPDT switch with in and out terminals on initiating circuit.
M46-30	DPDT switch with in and out terminals on initiating circuit and SPDT general alarm keyswitch with in and out terminals.
30653	Double action.
30653-01	Key reset.
30653-02	Key reset/double action.
28762	Backbox, surface mounting.
50397	Weatherproof gasket.
27060	Glass rod.