

# IP Fire Series™ Addressable and Conventional Pull Stations

**Description**

The AB-42SK Series are single contact, key-reset, manual pull stations designed to meet the requirements for many applications. They are constructed from a rugged, but lightweight, die-cast metal alloy for increased performance and longevity. This series of stations is available in single action (PULL lever) or dual action (PUSH bar and PULL lever) models.

The stations are provided with one normally open contact connected to a terminal strip that can accommodate wiring from #22 to #12 AWG. Contacts are gold plated to minimize risk of corrosion. All models have been tested by UL and found in compliance with the pull force requirements of the Americans with Disabilities Act (ADA). The AB-42SK Series stations are key resettable.

**Operation**

The stations are operated by pulling the handle marked “PULL” on the front of the unit as far down as it will go. At that point, the handle will lock in place and is easily visible from up to 50 feet. The activation handle is reset by opening the station with the key, placing the “PULL” handle to its normal upright position (resetting the toggle switch when applicable) and relocking the station. On the dual action, the “PUSH” or optional “EMERGENCY” bar moves inward allowing the “PULL” handle to be operated by a single hand.

**Mounting Configurations**

Semi-Flush--All models mount on a standard single-gang back-box.

Surface Mount Interior--Use pat number SGB-32S or the deeper metal back-box (SGB-32SD).

Surface Mount Exterior--Use part number SGB-32C (SG-WP) or the deeper die-cast, weatherproof back-box (SGB-32CD)




**Features**

- **Single or Dual Action**
- **Addressable or Conventional**
- **Screw Terminal Connections**
- **DC and AC Voltage Contact Ratings**
- **Gold Plated Alarm Contacts**
- **Surface or Weatherproof Back-box**
- **Deeper Back-boxes available**
- **Optional Station Colors, Labels & Contacts**
- **Green/RoHS Compliant**



**MEA**  
NYC Approved

Product	Data Sheet Number	Rev/Revision Date	
IPF Series™ Pull Stations	5000	1.0/ 7/1/2009	

### Engineer Specification

The contractor shall furnish and install, where indicated on the plans, individually identifiable manual pull stations connected to the Fire Alarm control. The pull stations shall be monitored for device identification, alarm reporting and trouble supervision. The pull station shall be capable of reporting to the fire alarm control and storing in the history log activation, trouble and reset information. The single-action and double action stations shall consist of a die-cast metal alloy housing fitted with a pull out lever which, when operated, locks in position after activating an alarm initiating contact. The double-action station shall also contain an additional lever which requires depression in order to reach the pull out lever. Pull station shall utilize gold plated contacts to minimize the risk of corrosion. Pull Stations shall be key-resettable and shall be compliant with the Americans with Disabilities Act (ADA). The addressable interface device must be UL listed and UL listed as compatible with the AsBuilt IP Fire Series™ network fire controls. The manual stations shall be As Built Engineered Systems part numbers AB-42SK2 (single action), and AB-42SK1 (double action).

### Technical Data

Listings: UL, ULc, FM, CSFM, MEA  
Temperature: -400 to 1500F, 90% relative humidity @ 1000F  
Switch Rating:  
SG-32 - Micro switch 1 Amp @ 30 VDC, 1Amp @ 125 VAC  
SG-42 - Toggle switch 2 Amps @ 125 VDC, 2 Amps @ 240 VAC  
Weight: 1.2 lbs  
Dimensions: 4 3/4" h x 3 1/4" w x 1.1" d  
Surface-Mount Backbox Dimensions:  
4 3/4" h x 3 1/4" w x 2 1/4" d (outside); 2 1/8" d (inside) cast and sheet metal  
Deep Surface-Mount Backbox Dimensions:  
4 3/4" h x 3 1/4" w x 2 3/4" d

### Ordering Information

Part Number	Data Sheet	Description
AB-42SK2	5000	Single Action Pull Station, Key Reset, Red
AB-42SK1	5000	Double Action Pull Station, Key Reset, Red
AB-42SK2-NY	5000	Single Action Pull Station, Key Reset, Red – New York City
AB-42SK1-NY	5000	Double Action Pull Station, Key Reset, Red - New York City

### Related Modules

SGB-32S	Interior, red, surface mount, sheet metal backbox with 3/4" knockouts
SGB-32SD	Deep-Interior, red, surface mount, sheet metal backbox with 3/4" knockouts
SG-WP	Weatherproof, red, surface mount, die-cast metal backbox with one tapped hole for 3/4" NPT fitting (same as SGB-32C)
SGB-32CD	Deep Weatherproof, red, surface mount, die-cast metal backbox with one tapped hole for 3/4" NPT fitting
SG-GR01	12 pack of scored, plastic (acrylic) break-rods for spares or replacement



### Related Data Sheets

**Discovery Detectors:** DISC-P, 2106; DISC-I, 2107; DISC-T, 2108; DISC-M, 2109

**XP Detectors:** XP-P, 2101; XP-I, 2102; XP-T, 2103; XP-M, 2104

**Addressable Base Options:** All Bases, 2310

**Addressable Devices:** DXP-PIM/MPIM, DXP-PID/MPID, 2810; DXP-IOM, 2812; DXP-SDR, 2814, DXP-2PID, 2816; DXP-OCR, 2818

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<b>As Built Engineered Systems, Inc.</b> 1451 Concord Street Framingham, MA 01701-7782 USA	Phone: (508) 788-8333 Fax: (508) 788-8334 Contact: <a href="mailto:info@asbuiltes.com">info@asbuiltes.com</a> Visit: <a href="http://www.asbuiltes.com">www.asbuiltes.com</a>	 <b>AsBuilt</b> ™ Engineered Systems	