

## Description

Both the S21 series (addressable) are single contact, key-reset manual pull stations that are designed to meet the requirements of many applications. They are constructed from a rugged, but lightweight, die-cast metal alloy for increased performance and longevity. The S21 series are available in dual action (PUSH bar and PULL lever) models, and are available in English or bilingual (English/French) 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).

## 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.

An addressable polycarbonate version (56000-005) is also available (English only).

## Mounting Configurations

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

Surface Mount Interior--Use part number BBK1002 or the deeper metal back-box (SGB-32SD).

Surface Mount Exterior--Use part number BBK1001 or the deeper die-cast, weatherproof back-box (SGB-32CD)



## Features

- Single or Dual Action
- Addressable
- 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
- RoHS Compliant

## Listing

UL

• Document # DS-MAN2100-1.0 • Copyright © 2020 Harding Instruments Co. Ltd. • All Specifications are subject to change without notice • Printed in Canada



9564 Yellowhead Trail NW  
Edmonton, Alberta, T5G 0W4  
sales@harding-tech.com

Tel 780.462.7100  
Fax 780.450.8396  
www.harding-tech.com



Represented by:



# Harding Manual Pull Station

## S21 Addressable Device

### Engineer Specification

The contractor shall furnish and install, where indicated on the plans, conventional or individually identifiable (addressable) 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 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. The pull stations 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 Harding network fire controls. The manual stations shall be Harding part numbers MAN2101, MAN2102, MAN2111, MAN2112, MAN2121 and MAN2122.

### Technical Data

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	Description
MAM2101	S21 Single Action Manual Pull Station
MAN2102	S21 Double Action Manual Pull Station
MAN2111	S21 Single Action Manual Pull Station, French
MAN2112	S21 Double Action Manual Pull Station, French
MAN2121	S21 Single Action Manual Pull Station, Bilingual
MAN2122	S21 Double Action Manual Pull Station, Bilingual

### Related Mounting Boxes

Part Number	Description
BBK1002	Interior, red, surface mount, sheet metal backbox with 3/4" knockouts
BBK1001	Weatherproof, red, surface mount, die-cast metal backbox with one tapped hole for 1/2" NPT fitting (same as SGB-32C)
SGB-32SD	Deep-Interior, red, surface mount, sheet metal backbox with 3/4" knockouts
SGB-32CD	Deep Weatherproof, red, surface mount, die-cast metal backbox with one tapped hole for 1/2" NPT fitting
SG-GR01	12 pack of scored, plastic (acrylic) break-rods for spares or replacement

• Document # DS-MAN2100-1.0 • Copyright © 2020 Harding Instruments Co. Ltd. • All Specifications are subject to change without notice • Printed in Canada



9564 Yellowhead Trail NW Tel 780.462.7100  
Edmonton, Alberta, T5G 0W4 Fax 780.450.8396  
[sales@harding-tech.com](mailto:sales@harding-tech.com) [www.harding-tech.com](http://www.harding-tech.com)



Represented by: