Addressable Manual Pull Station

FW2721, FW2722, FW2723

Overview

The Series 2 Manual Pull Stations are a family of addressable devices that communicate status with the control panels and occupies one address on the SLC loop. They are UL listed devices according to UL 38 and ULC-S528 for Fire Protective Signaling Systems for indoor use.

Three addressable pull stations are available in single-stage, two-stage, and dual-action models. They come equipped with a Form C dry contact output, which can be configured as normally open (N/O) or normally closed (N/C) using a jumper switch on the back of the station.

These stations feature a sleek design and durable construction. The housing and pull lever are made from high-impact plastic, while the back mount is constructed from metal. The housing is red with white lettering, and the pull lever is white with red lettering.

All Series 2 Manual Pull Station are designed to operate with all Series 1 & Series 2 Maple Armor control panels, which make them ideal not only for new installations but also for retrofits.

Features

- Attractive familiar design
- ADA compliant
- Durable material and solid parts
- Visible status LED indicator from the front
- N/O and N/C dry contact output
- Single stage, two stage, and dual action.
- Easy installation
- Semi-flush or surface installation
- Mounts to standard electrical boxes
- For dry indoor installation
- Address programmed via handheld programmer
- Compatible with Series 1 Maple Armor control panels

Compatibility

- Maple Armor FW2105 and FW2107 Fire Alarm Control Panels

Note: refer to each product data sheet for more information

Operation

Dual-Action Single-Stage
Two actions are required to activate the alarm, to initiate an alarm, first press the "PUSH HERE" button, then pull the "PULL DOWN" lever.

Two-Stage
The first-stage alarm is triggered by manually pulling the "PULL DOWN" lever and the second-stage alarm is activated by turning the key switch to ON.

Single-Action Single-Stage
Trigger the alarm directly by pulling the "PULL DOWN" lever.

Station Reset
To reset the manual station lever, use the Allen key (included) and deactivate the alarm switch.

Built-In Status LED
The top alarm LED flashes once every 4 seconds in normal standby condition and turns steady on when alarm is activated.
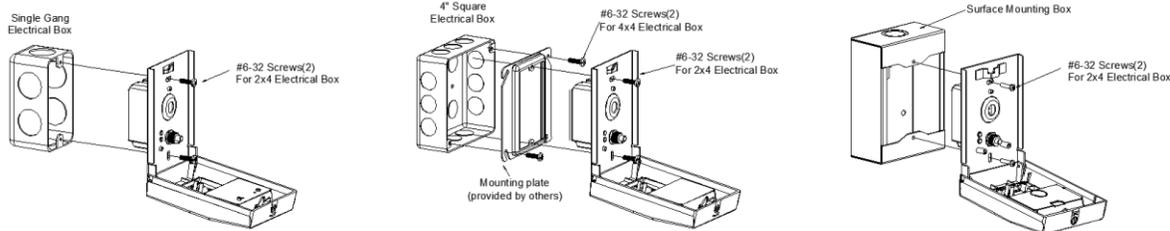
In Two-Stage model both alarm and alert LEDs flashes once every 4 seconds, alert bottom LED turns steady on when first-stage is triggered, and top alarm LED will turn steady on when second stage is activated.

Testing & Maintenance

Notify the authorities that the system will be temporarily out of service before testing. Disable the system to prevent unwanted alarms. Ensure the indicator LED is flashing; if not, check the wiring and remount the device. Activate a fire alarm signal and verify the LED turns steady. Reset the switch using the provided Allen Key. After testing, return the system to normal operation and inform the authorities.
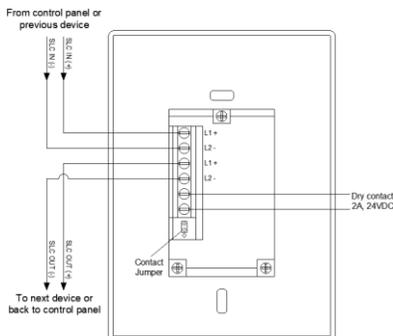
Installation

All Series 2 manual pull stations mount to North American single gang box, 2 1/2 in deep or 4" square box, 1 1/2" min. depth.

Note: The installation is to be performed in accordance with applicable codes and standards, used within its published specifications, operated, and maintained according to these instructions. Failure to follow these instructions may result in no alarm or false alarms.
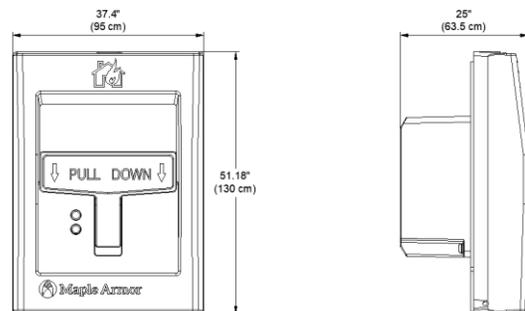
Wiring

Field wiring is to be completed using the Screw terminal block at the back of the device, it can accommodate #18 to #12 AWG ($0.82 mm^2$ to $3.31 mm^2$).

This device requires electrical power to operate. Since fires often cause power interruptions, we recommend consulting your local fire protection specialist for additional safeguards

Dimensions

All the Series 2 addressable manual pull stations feature identical housing dimensions.

Specifications

	FW2721	FW2722	FW2723
Nominal Voltage	24 VDC		
Operating Voltage Range	13 to 28 VDC		
Standby Current	0.14 mA	0.16 mA	0.14 mA
Alert Current	-	0.27 mA	-
Alarm Current	0.27 mA	0.37 mA	0.27 mA
Dry Contact Rating	2A, 24VDC		
Operating Temperature	0° C to 49° C (32° F to 120° F)		
Operating Humidity	0 to 93% RH Non-condensing		
Installation Environment	Dry indoor use only		
Housing Color	Red with white lettering		
Lever Color	White with red lettering		
Material	Housing and pull lever are high-impact plastic		
Dimension	95 mm (L) x 130 mm (W) x 63.5 mm (H)		
Wire Connections	Screw terminal block		
Wire Size	18 to 12 AWG (0.82 mm^2 to 3.31 mm^2)		

Ordering Information

Model	Description	Ship Wt. Kg (lbs)
FW2721	Dual Action, Single Stage Addressable Manual Pull Station, English Markings	0.32 (0.71)
FW2722	Two Stage Addressable Manual Pull Station, English Markings	0.32 (0. 71)
FW2723	Single Action, Single Stage Addressable Manual Pull Station, English Markings	0.32 (0. 71)
Accessories		
FW2701	Surface Mounting Steel Box	-
MCH-FW2721-15	Reset Allen Key	-

* Surface mount boxes are ordered separately.