

**INSTALLATION AND MAINTENANCE INSTRUCTIONS**

**HC102  
Conventional Manual Call Point**

**SPECIFICATIONS**

Operating Voltage Range:	9~28VDC Volts
Alarm Current	45 mA @ 24 VDC
Operating Humidity Range:	10% to 93% Relative Humidity, Non-condensing
Operating Temperature Range:	-10°C to 50°C (14°F to 122°F)
Dimensions:	Length 140mm, Width 105mm, Depth 45mm
Weight:	Net Weight 220g

**BEFORE INSTALLING**

**NOTICE:** This manual should be left with the owner/user of this equipment.

**GENERAL DESCRIPTION**

The HC102 conventional manual call point designed for conventional fire alarm system for reporting fire or emergency condition by its PUSH IN/PULL DOWN handle latches. One 470 ohm resistor is used on the PCB board between Zone+ and Zone- when the switch inside is closed. So the HC102 conventional manual call point is only used with conventional fire alarm control panel, it is forbidden to be used to other system.

**OPERATION**

The manual call points 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, 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.

**Loop Design and Wiring**

The fire alarm control panel Zone wire can be connected to terminal loop (+), loop (-) unpolarized wire.

If the manual call point is in the end of the zone wire, a 5.6K resistance should be connected to terminal loop (+), loop (-).

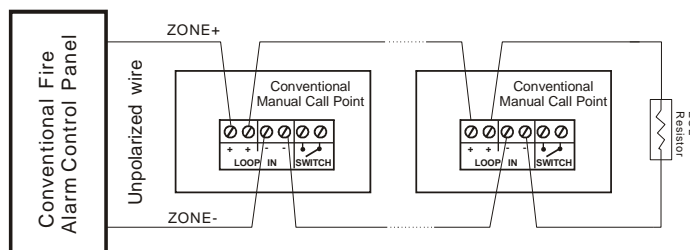
**INSTALLATION**

**NOTE:** All wiring must conform to applicable local codes, ordinances, and regulations.

Mounting Indoor Wall

1. Attach mounting base to wall at 1.5 meter’s high.
2. Connect field wiring to terminals
3. To attach product to mounting base.
4. Secure product by tightening the one mounting screws in the front of the product housing.

**Figure 1. Install and Wiring diagram:**



**Please refer to insert for the Limitations of Fire Alarm Systems**