ADVANCED PROTOCOL INTELLIGENT MANUAL STATIONS MS-400AP SERIES

Features

- Durable Extruded Aluminium Construction
- Attractive, Low Profile Design
- Standard Single Gang Mount
- Converts to Double Action
- Glass Rod Optional
- Permanently attached intelligent addressable module. Two stage model is equipped with an intelligent module that provides two addresses for 1st and 2nd stage operation
- Rotary switches for direct-dial entry of address. Each unit can have address set for 01-159 for Advanced Protocol mode and 01-99 for CLIP mode

Description

Mircom's MS-400AP Series are single action alarm manual stations that include a permanently attached intelligent module. The intelligent manual station has a pair of rotary decimal switches which allows for two digit address setting. Pulling the handle initiates the operation of the intelligent module. Resetting is accomplished by inserting a 1/8" screwdriver from the front. The handle, once pulled will remain open and cannot be reset without utilizing the screwdriver.

The MS-400AP Manual stations are constructed of durable aluminium and finished in red. An abrasion resistant label with large, raised letters provides clear legible instructions. The model MS-402AP (two stage) is similar to the MS- 401AP (single stage) except it contains an additional General Alarm (G.A.) N.O. switch. For safety reasons, the G.A. switch is only accessible after the handle has been pulled. A special key is supplied with each unit. All manual stations can be easily converted from single action to double action station by the addition of the MS-DA double action lever.

Mircom's Advanced Protocol (AP) devices use a high speed communication protocol that greatly increases the speed of communication between the intelligent devices. Mircom's Advanced Protocol uses a superior group polling method as well as an interrupt feature that provide for a faster response to an alarm condition. In addition, the Advanced Protocol allows for greater system capacity with support for up to 318 devices per SLC circuit. The AP devices are backwards compatible to operate in CLIP mode for legacy system applications.

Operation

Pulling on the station's handle will release the internal switch to trigger the intelligent addressable module. The MS-402AP (two stage version) also provides a key switch which is accessible after the handle has been pulled. Operation of the key switch will initiate the 2nd stage of a two stage alarm signalling system.

Engineer Specifications

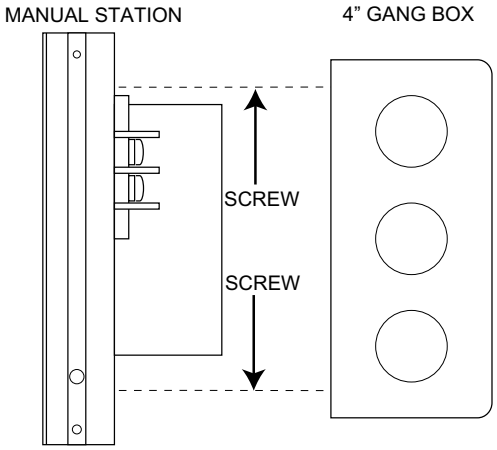
The single action manual station shall be Mircom's MS-400AP Series. Operating instructions shall be in raised English and French lettering and the unit shall be constructed of extruded aluminium, finished in red enamel paint to provide quick identification. Pulling the handle shall initiate immediate operation of the intelligent module. In addition, those stations installed in a two stage system shall come equipped with an internal key switch designed to operate the 2nd stage alarm initiating circuit. All manual fire alarm stations shall be installed as per the specific requirements outlined in the ULC codes, as well as all other applicable national or local codes.

CATALOG NUMBER
5955

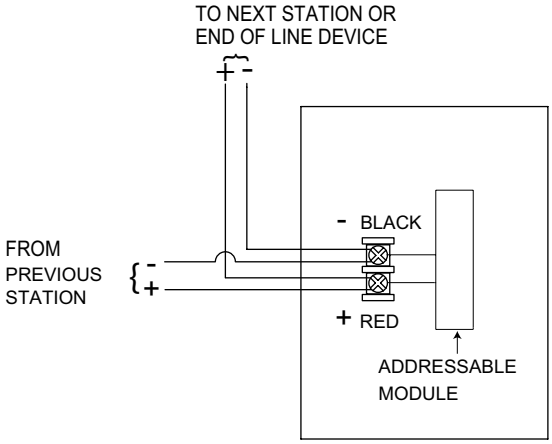
Specifications

Model	MS-401AP	MS-402AP
Dimensions	4.55” H x 3.3” W x 2” D	4.55” H x 3.3” W x 2.1” D
Nominal Operating Voltage	15–32 VDC	15–32 VDC
Maximum Alarm Current @ 24V	600 µA	5.4 mA
Average Operating Current @ 24V	400 µA	600 µA

Mounting Diagram



Wiring Diagram



Ordering Information

Model	Description
MS-401AP	Advanced Protocol Intelligent Single Stage Manual Station, ULC
MS-401APU	Advanced Protocol Intelligent Single Stage Manual Station, UL, FM
MS-402AP	Advanced Protocol Intelligent Two Stage Manual Station, ULC
MS-DA	Double Action Lever Kit (converts any of above to double action stations)

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CAT. 5955
Rev. 2