MRM-810MPU-EN

FIRE ALARM MANUAL PULL STATION

Description

Secutron's MRM-810MPU-EN Fire Alarm Manual Pull Stations provides manual fire alarm activation. This manual pull station combines both language printed marking with raised symbols to make it easy to recognize. The MRM-810MPU-EN is compatible with any FACP or addressable device working on MGC protocol.

The MRM-810MPU-EN manual pull station is engineered from premium LEXAN® polycarbonate resin, a high-performance thermoplastic known for its exceptional durability and heat resistance. Designed to withstand high temperatures without warping, this material ensures long-lasting reliability. Additionally, the manual pull station can be drilled without the risk of cracking.

All manual fire alarm stations shall be installed as per the specific requirements outlined in the UL code, as well as all other applicable national or local codes.

Addressing is done using the MIX-4090 Device Programmer. For setting the address on this device, disconnect it from the loop, or ensure that the loop to which is connected is both disconnected from the panel and shorted across the SCL+ and SLC- inputs at the device. Failing to take either of these steps may change the address programming of previously configured sensors on the loop.

Features

- **Built to Last** – Made entirely from **LEXAN®**, a high-impact, flame-resistant material that ensures long-lasting durability and protection.
- **ADA-Compliant, Easy Activation** – Features a **closed-fist operation**, making it **effortless to use** for individuals with disabilities, ensuring compliance with the **Americans with Disabilities Act (ADA)**
- Combination of language printed markings with symbols and icons to ensure clear operation for users.
- **Tactile Accessibility** – **Raised symbols** enable easy recognition by touch, improving usability in low-visibility conditions.
- Fully Compatible with any FACP or addressable devices working on MGC protocol.
- **Effortless Setup** – Designed for **easy installation**, saving time and labor costs.
- **Wide Temperature Range** – Operates reliably between **0°C and 49°C**, ensuring consistent performance in indoor environments.
- Comes with a **reset key**, making it simple to restore the device after activation.
- Indoor-Only design

Operation

Activating the Alarm

1. Push in the push bar
2. Pull down the pull handle

Resetting the manual station

3. Insert the key into the reset keyhole and turn it.
4. Pull the cover open. The switch is now reset.
5. Close and lock the stations with the reset key.
6. Reset the Fire Alarm Control Panel to reset the alarm.

Note: Resetting the station does not cancel the alarm at the panel.

SECUTRON INC.
Canada 25 Interchange Way, Vaughan (Toronto), Ontario L4K 5W3 Tel: (905) 660-4655 Fax: (905) 660-4113
U.S.A. 4575 Witmer Industrial Estates, Niagara Falls, NY 14305 Tel: (888) 660-4655 Fax: (888) 660-4113
www.secutron.com

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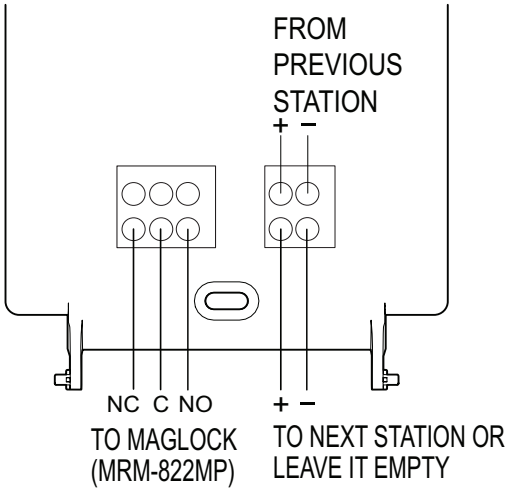
Specifications

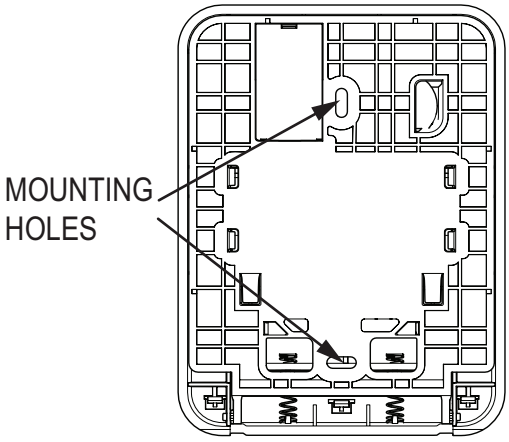
Operating temperature	0°C to 49°C (32°F to 120°F)
Humidity range	0% to 93%
Nominal Voltage	15 - 30 VDC
SLC Standby Current	2 mA
SLC Alarm Current	3.3 mA
Dimensions	5 ½" H x 4 1/8" W x 1 3/8" D
Input Terminal wire gauge	Maximum 14 AWG
Installation Environment	For Indoor Use Only

Wiring Diagram



Mounting Diagram

- Flush mount indoor: Single-gang electrical box
- Surface mount indoor: MRM-800 backbox



Ordering Information

Model	Description
MRM-810MPU-EN	MP 1 Stage Dual Action Addressable Manual Pull Station, "FIRE", **UL**
MIX-4090	4000 Series Address Programmer
MRM-800	Surface Backbox for 800 Series Manual Station

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