

Mini Input Module

FW2811M



Overview

The FW2811M Mini Input Module is an intelligent, addressable device designed to operate with a Maple Armor fire alarm control panel(s). It requires one address on the signaling line circuit (SLC).

It connects a single Alarm, Supervisory, Trouble, or Monitor-type dry contact Initiating Device Circuit (IDC). This is determined through the module's programming options in the panel.

This module supports a single Class B, normally open or normally closed; it connects to a dry contact initiating device circuit (IDC) and must terminate with an EOL.

According to UL864 and ULC-S527, it is a UL-listed device for indoor use in fire protective signaling systems.

Operation

Set the device address using the Maple Armor handheld programmer FW2411 before connecting the module to the SLC.

The module can be configured as an alarm, supervisory, trouble, or monitor type.

Diagnostic LED

The module supports connection to the remote LED indicator FW2561-RI, which indicates its status.

Features

- Durable material and solid parts
- Easy installation
- Supports a single Class B input
- Supports connection to a remote LED indicator
- Input latched/non-latched selectable
- For dry indoor installation
- Up to 252 addressable devices per loop
- Address programmed via handheld programmer

Compatibility

The FW2811M module is compatible with the Maple Armor Series 2 Control Panels.

- FW2105 – Fire Alarm Control Panel
- FW2107 – Releasing Panel

Note: Refer to each panel data sheet for more information

Installation

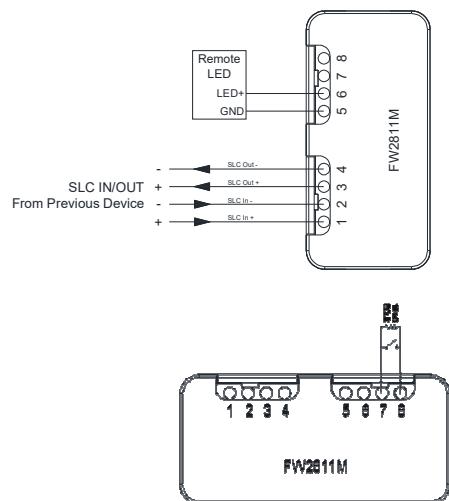
The FW2811M Mini Input module can be mounted inside a standard North American single-gang box, 2 1/2 in deep or 4" square box. A Maple Armor plastic surface box is also available.

The FW2811M input mini module must be mounted inside a standard electrical box or an approved enclosure. Free-standing installation is not permitted.

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

Wiring

Field wiring is to be completed using the 6" pigtail wires attached to the module.



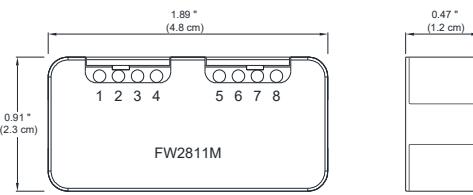
Note: check module installation instruction sheet for more installation and wiring options and details.

Ordering Information

Model	Description	Ship Wt. Kg (lbs)
FW2811M	Mini Input Module	0.1 (0.22)
Accessories		
FW2561-RI	Remote LED Indicator	0.125 (0.28)
FW422	10KΩ End-of-Line Resistor, Mounting Plate	0.125 (0.28)

*Accessories are ordered separately.

Dimensions



Testing & Maintenance

Before testing, notify the authorities that the system will be temporarily out of service. Disable the system to prevent unwanted alarms.

Specifications

Nominal Voltage	24 VDC
Operating Voltage Range	13 to 28 VDC
Standby Current	0.17mA
Alarm Current	0.80mA
Max. Line Impedance	25 Ω for Input Circuit 6.6 Ω for Grounding
Compatible EOLR	10KΩ
Operating Temperature	-10° C to 55° C (14° F to 131° F)
Operating Humidity	0 to 93% RH Non-condensing
Installation Environment	Dry indoor use only
Housing Material	High impact plastic
Wire Connections	6" pigtail wires
Regulatory Compliance	UL/ULC, FCC, CSFM



This document is for marketing and informational purposes only. It is not intended to be used for installation, operation, or maintenance of the device.

For complete and accurate installation instructions, wiring details, and operational guidelines, refer to the official Device Installation Sheet provided with the product. The manufacturer reserves the right to make changes to product specifications without prior notice.

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