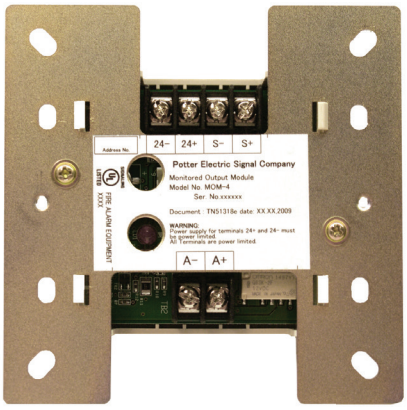
MOM-4

Monitored Output Module

Features

- Monitored output module that provides an additional supervised output
- Can be used as either a NAC or Releasing Output
- Monitors presence of 24 VDC Aux Power
- SLC Class A (Style 6,7) & Class B (Style4)
- Mounts in a standard 4” or double gang box
- Wiring terminals accessible when mounted in box
- All wiring terminals accept 22 to 14 AWG
- Product includes a 5 year warranty



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Application

The MOM-4 is compatible with Potter’s PFC-6000 series and PFC-8500 addressable fire alarm control panels. The MOM-4 is a Monitored Output Module that wires to the SLC loop to provide an additional notification circuit. When used with a Potter addressable relasing panel, the MOM-4 can provide an additional releasing circuit.

Description

The MOM-4 module uses one (1) address on an SLC Loop. The module provides a programmable source of power to supervise and control a Notification Appliance or a Releasing Circuit. The module requires and supervises a 24 VDC auxiliary power connection. The MOM-4 includes one red LED to indicate the modules status. In normal condition, the LED flashes when the device is being polled by the control panel, in case of an open circuit, the LED will turn off.

Technical Specifications

Operating Voltage	22.0-24.0V
Max SLC Standby Current	325 µA
Max SLC Alarm Current	1mA
Aux Power Required	24 VDC
Output Ratings	24 VDC, 2A
Max Wiring Cpacitance of Output Circuit Wiring	1µF
EOL Resistor	5.1K Ω
EOL Resistor Diode	Stock #3005012 Releasing Applications (Not Included)
Operating Tempurature Range	32 to 120ºF (0 to 49ºC)
Operating Humidity Range	0 to 93% (non-condensing)
Max no. of Module Per Loop	127 units
Dimensions	4.17” (106mm)L × 4.17” (106mm)W × 1.14” (29mm)
Mounting Options	Standard 4” Square or Double Gang Box
Shipping Weight	0.6 lbs

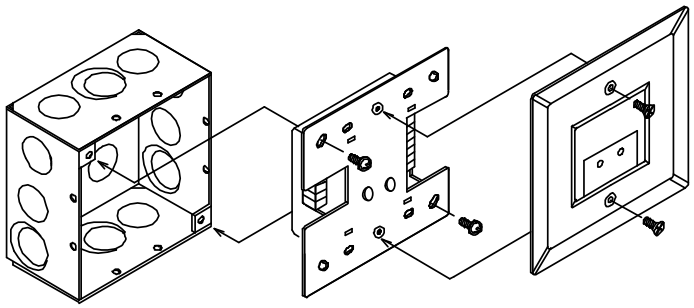
Setting the Address

Each addressable SLC device must be assigned an address prior to installation. The address is set using either the hand held device programmer or the addressing feature on the PFC-6000 / PFC-8500 series control panels.

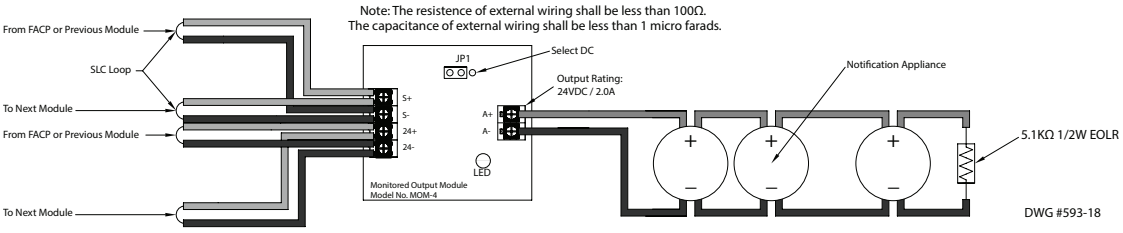
Before connecting a device to the SLC loop, take the following precautions to prevent potential damage to the panel or device verify the following:

1. Power to the device is removed
2. Field wiring is correctly installed.
3. Field wiring has no open or short circuits.

Installation Using Compatible Electrical Box

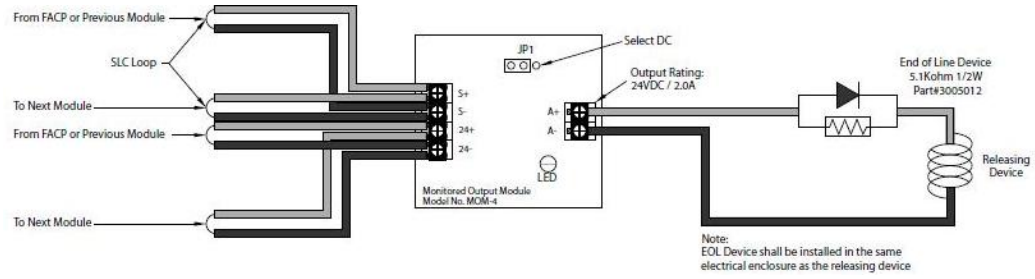


Typical Wiring Diagram for an Output Connected to a Notification Appliance Circuit



NOTE: If strobe synchronization is required a synchronization module must be installed on the output circuit.

Typical Wiring Diagram for a Releasing Application



NOTICE

It is possible that the internal relay in the MOM-4 may be shipped in the non-normal / activated state. To ensure that the internal relay is set to the normal state, connect the module to the SLC loop and reset the control panel before terminating the wiring to the modules output terminals (A+, A-).