

## Description

The Harding Relay Output Module (IOM2111) is an addressable device that is a means of connecting to and controlling building functions such as electromagnetic door holders, dampers, motors, elevators and disconnects from the main Harding fire control system.

The IOM2111 connects to the SLC, is programmed via a 7 pin DIL switch and is polarity insensitive.

Single or multiple initiating points on the Harding fire control are assigned to specific IOM2111 modules that may be connected anywhere on the SLC. When an event is generated by an initiating device, the pre-programmed assignment automatically fires the Form C dry contacts located on the IOM2111 effecting a change in status to the attached building control device(s).

In standby mode, the IOM2111 monitors its internal circuitry for status of the device itself and supervises the external control circuit for faults. In the event a fault is detected, the IOM2111 will report a trouble to the Harding fire control.

When tied to specific smoke detectors, switch monitors and other initiating devices, the IOM2111 allows the Harding fire control to exercise significant automatic control over all building functions in accordance with local building requirements.

The IOM2111 is plate mounted on a 4 1/4 x 4 1/4 plastic plate for surface or flush mounting on 4" square boxes. The IOM2111 is fully supervised, field programmable and has an integral LED that is visible through the front plate. The LED flashes on device poll to show that it is active. The red LED latches ON upon activation.



## Features

- Form C dry relay contacts
- Automatically controls building functions
- Fully supervised
- Field programmable
- Plate mounted for surface/flush mounting in 4" square boxes
- LED for polling/alarm annunciation
- DIL switch addressing
- RoHS Compliant

## Listing

UL Standard 864 9th Edition

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### Engineer Specification

The contractor shall furnish and install, where indicated on the plans, addressable interface devices for the monitoring, supervision and control of programmable relays connected to the Fire Alarm control. The devices shall act as an interface between the Fire Alarm control and building functions such as electromagnetic door holders, dampers, motors, elevators and disconnects and give the Fire Alarm the ability to change the state of the attached building control functions during an emergency condition. The addressable interface device shall communicate to the main fire control via the addressable circuit. The addressable interface device must be UL listed and UL listed as compatible with Harding network fire controls. The addressable interface device shall be Harding part number IOM2111.

### Ordering Information

Part Number	Description
IOM2111	S21 Relay Output Module

### Related Modules

Part Number	Description
IOM2104	S21 Switch Monitor Module
IOM2109	S21 Mini Switch Monitor Module
IOM2105	S21 Priority Switch Monitor Module
IOM2108	S21 Mini Priority Switch Monitor Module
IOM2101	S21 DIN Rail Switch Monitor Module
IOM2106	S21 Switch Monitor I/O Module, Low Voltage
IOM2103	S21 Dual Priority Switch Monitor Module
IOM2107	S21 Sounder Control Module
IOM2111	S21 Relay Output Module
IOM2102	S21 Switch Monitor I/O Module, 120V AC
IOM2110	S21 Switch Monitor I/O Module, 120V AC

### Related Data Sheets

Series 21 Detectors: PHOTO (DET2104), DS-DET2104; HEAT (DET2101), DS-DET2101; MULTI (DET2105), DS-DET2105;  
Series 22 Detectors: PHOTO (DET2204), DS-DET2204; HEAT (DET2201), DS-DET2201; MULTI (DET2205), DS-DET2205;  
Addressable Base Options: All Bases, DS-DET2310

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