

### FEATURES

- ✓ Ideal for AS1668 Fan Controls
- ✓ Loop powered (no 24Vdc required)
- ✓ LED indication
- ✓ Uses 4 individual addresses
- ✓ 2 x change-over relay contacts
- ✓ 2 X monitored inputs
- ✓ Rotary wheel for ease of addressing
- ✓ Din rail mountable or surface mount
- ✓ Second input or output can be turned off if not required



### PRODUCT DESCRIPTION

The SSF-FDMR1 Addressable Module provides 2 x programmable, change-over, clean-contact, relay outputs and 2 x monitored (47k EOL) inputs. It is capable of monitoring normally open contact fire alarm and supervisory devices; or either normally open or normally closed security devices.

Each input and output has its own unique address on the addressable loop, so they can be individually addressed and controlled.

Each SSF-FDMR1 uses 4 module addresses on a FlashScan loop. Unused inputs and outputs can be disabled if not required via the onboard dip switch (you will need to powercycle the module for this to take effect).

The SSF-FDMR1 is powered from the addressable loop and is suitable for switching external voltages of up to 30Vdc.

This module is ideal for activating and monitoring a variety of auxiliary devices such as fans, dampers, control equipment, etc.

The SSF-FDMR1 is ideal for surface and/or DIN rail mounting and requires only a single loop termination.

When addressing the SSF-FDMR1 module the first address selected will then allocate the next three addresses as follows:

L1M1	Relay Output 1
L1M2	Monitored Input 1
L1M3	Relay Output 2
L1M4	Monitored Input 2

### APPROVALS

- ✓ SSL Approved
- ✓ ActivFire certified - Listing No. afp-1801

#### TECHNICAL SPECIFICATIONS

Nominal Operating Voltage	15 to 32Vdc
Maximum Loop Current	1mA (LED on)
Relay Contact Rating	2A @ 30Vdc
EOL Resistance (Inputs Only)	47K Ohms
Temperature Range	-5°C to 50°C
Humidity Range	10% to 93% non-condensing
Dimensions	108mm L x 94mm W x 24mm D
Mounting Box (SS-M200-SMB)	134mm H x 139mm W x 40mm D

#### CONNECTION INFORMATION

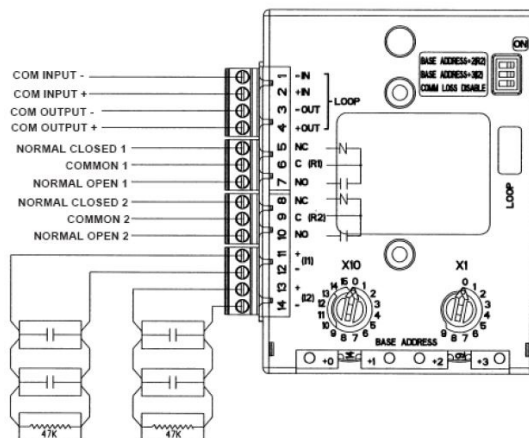
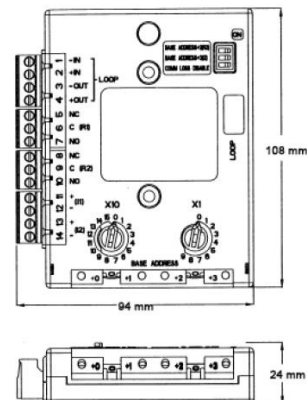


Figure 2. Module Schematic Diagram:



#### MOUNTING OPTIONS

Figure 3A. Surface Mount Box:



Surface Mount Box Base is affixed to mounting surface, and then the module and cover are screwed onto the base using the two screws supplied.

Surface Mounting Box Dimension:

