Fyreye MkII Addressable Input Module With Isolator (ZAI-MI)
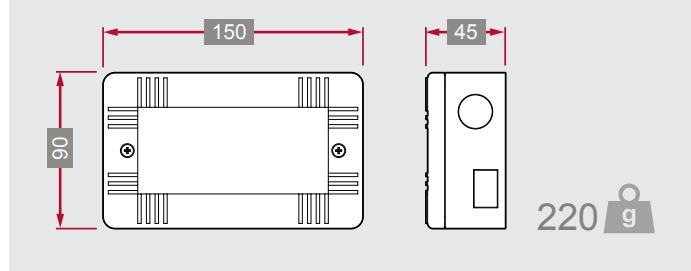
zeta® ALARM SYSTEMS

Description

The ZAI-MI is an input module supplied in a modern enclosure (2 gang box size) with well protected electronic circuit board to minimize any damages during installation.

It is supplied with a back box suitable for surface mount indoor installation. Designed and manufactured to meet the requirement of EN54-18 2005 and EN54-17 2005.

The ZAI-MI is used to monitor and raise alarm from any ancilliary equipment such as sprinkler flow switch, aspiration detectors, secondary fire control panel, beam detectors, external power supplies etc.

For more details and connection information consult the installation guide.
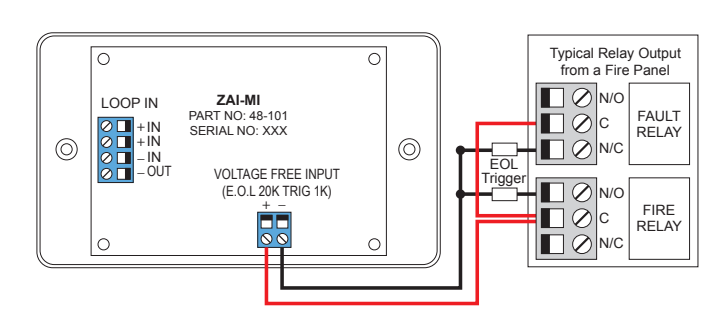
Dimensions (mm) & Weight (g)

150
45
90
220 g

Features

- Loop powered (60 devices per loop as maximum)
- Hand addressed using the 8 way dip switch OR
- Softly addressed using our handheld MKII Programmer (part no. 48-004)
- Equipped with short circuit line isolator
- Extensive front unit indications

Technical Specification

Model	ZAI-MI
Part Number	48-101
Operating Voltage	17-28V DC
Quiescent Current @ 24V	1.0mA
Switch Input Closed (LED OFF)	1.25mA
Switch Input Closed (LED ON)	3.60mA
Isolating Current	7.3mA
Input End of Line	20k
Alarm Triggering Resistor	1k
Operating Temperature	-10°C to +55°C
Max Humidity	95% RH Non Condensing
IP rating	IP21C
Size (mm)	150 x 90 x 45
Weight	220g

Typical Wiring Diagram

LOOP IN
+ IN
+ IN
− IN
− OUT

ZAI-MI
PART NO: 48-101
SERIAL NO: XXX

VOLTAGE FREE INPUT
(E.O.L 20K TRIG 1K)
+ −

EOL Trigger

Typical Relay Output from a Fire Panel

N/O
C
N/C
FAULT RELAY

N/O
C
N/C
FIRE RELAY

Front Unit Indications

Status	LED Indication
Alarm	Illuminated red when the Input Module is in alarm
Fault	Illuminated yellow when the Input Module is in fault
Polling	Flashed green when the Input Module communication with panel
Isolating	Illuminated yellow when the loop is short or wrong connection circuit