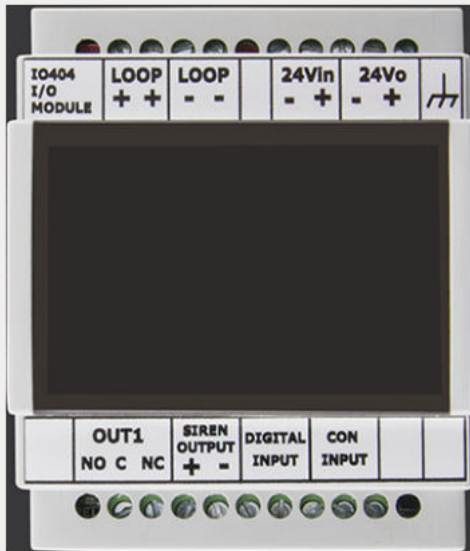




## MA404 ADDRESSABLE 4 FUNCTIONAL SELECTABLE INPUT/OUTPUT MODULE

The MA404 Input/Output Module is designed to receive input information outside the fire alarm system or to control devices in alarm state. The module works with addressable analog communication and can be programmed as a supervised input, a conventional zone input, a supervised siren output or a relay output module. While it is working as a supervise input module, it transmits the analog values of the inputs to the control panel over the communication line. At the same time, it checks the cable of the device at its input against open/short circuit faults. When operated as a conventional zone module, 20 conventional detectors (excluding buttons) can be connected to its input. When operated as a supervised siren output, sirens can be controlled in alarm state. While it is working as a relay output, the operation of any external device can be controlled in alarm state. It can be programmed by the RB1201 address programmer and stores this address information in its permanent memory.



### TECHNICAL SPECIFICATIONS

Loop Operating Voltage : 16-30 VDC  
Loop Operating Current : <math><600\mu\text{A}</math> @ 24 VDC (average with led blink)  
Maximum Alarm Current : <math><7\text{ mA}</math> @ 24 VDC (included led blink)  
Contact Strength : 24VDC, 300mA

### ENVIRONMENTAL SPECIFICATIONS

Humidity : 10% - 93% Relative Humidity, Non-condensing  
Operating Temperature : -10°C - 50°C

### MECHANICAL SPECIFICATIONS

Width : 70 mm  
Height : 90 mm  
Depth : 60 mm  
Weight : 125 grams

### GENERAL FEATURES

- Durable and aesthetic ABS plastic case
- Microprocessor based design
- 4 different functions, only 1 of which can be selected with Dipswitch
- Supervised Input module
- Conventional zone input module
- Supervised siren output module
- Relay output module
- EN54-18 certified

