

**easy detect**

Fire Security Products

Ref. 553540001
250703**EN**

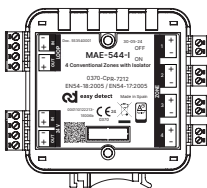
Quick guide

Zone module

1. Introduction

The 1, 2 and 4 conventional zone module allows conventional zones - detectors and push-buttons - to be monitored in an analogue alarm control panel.

It requires a 24v. power supply.

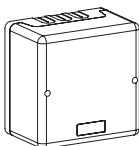
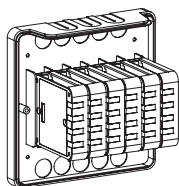
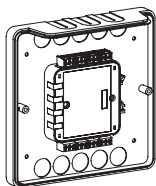


1-zone module	MAE-541 / MAE-541-I
2-zone module	MAE-542 / MAE-542-I
4-zone module	MAE-544 / MAE-544-I

Zone modules have an isolator if the reference number ends in I.

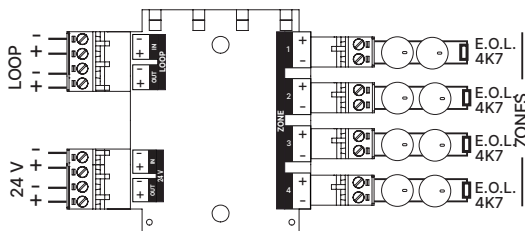
2. Installation

Any module can be installed inside a ONE BOX enclosure (with screws) or SIX BOX enclosure (with DIN rail).



The fire protection system must be connected according to the following wiring diagram, always with the power supply disconnected.

Wiring



Up to 25 conventional detectors and conventional alarm buttons can be connected to the zone input.

A 4K7 end-of-line resistor must be connected at the end of the zone.

The 24 v auxiliary power supply can be provided from an external power source and also from the 24 v auxiliary output of the analogue alarm control panel.

Addressing

The module is part of the analogue system, and requires addressing so that it can be identified by the alarm control panel.

They can be numbered from 1 to 250 using the PGE-100 programmer and occupy a number of consecutive addresses in the loop equal to the sum of their zones.

For numbering, insert the programmer cable into the module via the LOOP IN connector.

3. Testing and maintenance

Module maintenance consists of performing a visual inspection of the modules to check their condition, as well as functional testing of all monitoring systems and outputs.

4. Technical characteristics

Module	Working voltage:	31 to 40 VDC
	Consumption on standby:	<300 µA
	Consumption during alarm:	<4 mA
	External power:	24v
	Type:	A-INDOOR USE
Wiring	2 × 1.5 mm ² twisted pair and shielded	
Environment	Working temperature:	From -10°C to 40°C
	Relative humidity:	95% non-condensing
	IP rating:	IP40
Physical characteristics	Dimensions:	105×92×22
	Material:	ABS
Certification	EN54-18 / EN54-17	



For detailed characteristics, scan the following QR code.