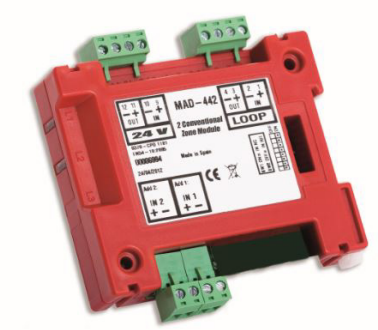
Addressable System



MAD-441
MAD-441-I
MAD-442
MAD-442-I

Addressable modules 1 & 2 conventional zones

Description

The range of MAD-400 modules has been developed to offer a wide and complete range of input and output ports to be used with Detnov's addressable fire control panels.

The MAD-400 modules allow performances and manoeuvres for the proper functioning of the fire detection system, monitoring and/or acting according to the needs of the installation.

The MAD-400 modules have been designed to facilitate their installation process and they may be installed using screws or fitted into a DIN rail. Each module is equipped with removable terminal blocks and a LED status indicator. The addressing of the modules ir carried out through the PGD-200 programmer or auto addressing for isolator version.

The MAD-441 and MAD-442 modules provide 1 or 2 conventional zones which support up to 20 conventional detectors and/or 32 conventional manual call points. The conventional zone module is able to distinguish between a detector alarm and a manual call point alarm.

The MAD-441 and MAD-442 modules require 24V auxiliary power (1) and are assigned a number of loop addresses according to the number of inputs and outputs available in the module

The MAD-441-I and MAD-442-I modules are equipped with integrated isolator.

All the range of MAD-400 modules can be installed inside the BOX-ONE and BOX-SIX boxes.

Características

- Simple installation on the wall or fitted into a DIN rail
- Non-polarity supported (only MAD-401 and MAD-402)
- Addressing through a programmer
- Requires an auxiliary 24V power supply
- Connections through removable terminal blocks and simple fitting of the cable
- EN 54-18 and EN 54-17 approved

Applications

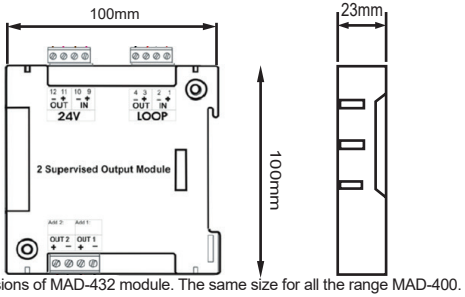
The MAD-441 and MAD-442 modules allow to connect conventional detectors and conventional manual call points to the addressable system. They are ideal for installations that, as a result of the area to be protected, require a large quantity of point detectors that may all have the same identification (for example, car parks, corridors or open-plan areas). The use of the conventional detectors will help reduce costs for the installation.

Technical features

Module		
	Loop features: Operating voltage: Quiescent current consumption: Alarm current consumption:	 From 22 to 38VDC < 300 µA < 3 mA
	Auxiliary power supply features: Operating voltage: Quiescent current consumption: Alarm current consumption:	 24VDC < 5 mA < 100 mA
	Zone output features: Operating voltage: Quiescent current consumption: Alarm current consumption:	 24VDC < 5 mA < 100 mA
Connections		
	2 x 1,5 mm2 twisted and shielded cable (1)	
Environment		
	Operating temperature:	From -10ºC to +70ºC
	Relative humidity:	95% without condensation
	IP Index:	IP40
Physical features		
	Size:	100 mm x 100 mm x 23 mm
	Material:	ABS
Approvals		
	EN 54-18 y EN 54-17 (only MAD-441-I and MAD-442-I)	
	MAD-441, MAD-442 Certificate number:	0370-CPR-1190
	MAD-441-I, MAD-442-I Certificate number:	0370-CPR-1865

(1) Use the "System Calculation" tool to check the maximum number of devices and loop length, in accordance with the cross-section of the cable used.

Dimensions



* Dimensions of MAD-432 module. The same size for all the range MAD-400.