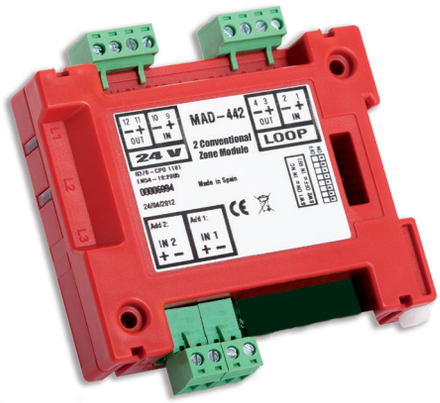

MAD-441
MAD-441-I
MAD-442
MAD-442-I

Addressable Module 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 CAD-150 family of analogue fire control panels. These modules let you manage a wide variety of situations, by monitoring and acting according to the installation's requirements. All the modules of this range are available with and without Isolator.

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 is carried out through the PGD-200 programmer (Isolator version support auto adressing).

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

The MAD-441 and MAD-442 modules require a 24V auxiliary power supply to supply the conventional detectors and the manual call point.

Features

- Simple installation on the wall or fitted into a DIN rail
- Non-polarity supported
- Addressing through a programmer
- Stable communication protocol with immunity to noise
- Requires an auxiliary 24V power supply
- Connections through removable terminal blocks, and simple fitting of the cable
- EN54-18 and EN54-17 approved
- MAD-441-I and MAD-442-I with Isolator

Applications

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

Technical features

Module		
	Loop features:	
	Operating voltage:	From 22 to 38VDC
	Quiescent current consumption:	< 300 µA
	Alarm current consumption:	< 3 mA
	Auxiliary power supply features:	
	Operating voltage:	24VDC
	Quiescent current consumption:	< 5 mA
	Maximum alarm current consumption:	100 mA
	Zone output features:	
	Operating voltage:	24VDC
	Quiescent current consumption:	< 5 mA
	Maximum current consumption:	100 mA
Connections		
	2 x 1.5 mm^2 twisted and shielded cable	
Environment		
	Operating temperature:	From -10ºC to +70ºC
	Relative humidity:	95% without condensation
	IP index:	IP40
Physical features:		
	Size:	100 mm x 82 mm x 23 mm
	Size with removable terminal:	100 mm x 100 mm x 23 mm
	Material:	ABS
Approvals		
	MAD-441 and MAD-442 Certification EN54-18 MAD-441-I and MAD-442-I Certification EN54-18 and EN54-17	
	MAD-441, MAD-442 Certificate number: MAD-441-I, MAD-442-I Certificate number:	0370-CPR-1190 0370-CPR-1865

Dimensions