MAD-401
MAD-401-I
MAD-402
MAD-402-I

Addressable modules 1 & 2 technical inputs

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-401 and MAD-402 modules provide 1 or 2 technical inputs to the addressable fire detection system. They allow the supervision of any event that must be controlled (for example the opening or closing of doors, etc.).

The MAD-401 and MAD-402 modules take the power supply directly from the loop and assigned a number of loop addresses according to the number of inputs available in the module.

Technical inputs can be configured through a micro-switch, depending on the signal type: to monitor NC or NO input.

The MAD-401-I and MAD-402-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.

Features

° Simple installation on the wall or fitted into a DIN rail
° Non-polarity supported (only MAD-401 and MAD-402)
° Addressing through a programmer

° Loop-powered device
° Connections through removable terminal blocks and simple fitting of the cable
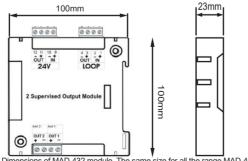° EN 54-18 and EN 54-17 approved

Applications

The MAD-401 and MAD-402 modules are ideal for the supervising of any signal which may require supervision through a NC or NO contact (for example, the state of a door or a watertight door, or the monitoring of any type of sensors which provide free contact relay).

Technical features

Module		
	Loop features:	
	Operating voltage:	From 22 to 38VDC
	Quiescent current consumption:	< 300 µA
	Alarm current consumption:	< 3 mA
	Technical input through a NC or NO contact (configurable)	
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
Technical features		
	Size:	100 mm x 100 mm x 23 mm
	Material:	ABS
Approvals		
	EN 54-18 and EN 54-17 (only MAD-401-I and MAD-402-I)	
	MAD-401, MAD-402 Certificate number:	0370-CPR-1181
	MAD-401-I, MAD-402-I Certificate number :	0370-CPR-1863

(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.

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