



MAD-431

MAD-431-I

MAD-432

MAD-432-I

Addressable Module 1 & 2 Powered Supervised Relay

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 addressing).

The MAD-431 and MAD-432 modules provide 1 or 2 supervised 24V outputs which may be configured through a micro-switch as supervised voltage outputs or a supervised sounder outputs. When they are configured as a sounder output, switching the sounder control panel's keys on and off will control the modules by switching the outputs of the modules on and off.

The MAD-431 and MAD-432 modules require a 24V auxiliary power supply to supply the load.

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-431-I and MAD-432-I with Isolator

Applications

The MAD-431 and MAD-432 modules are ideal for connecting conventional sounders to the analogue system, and provide savings in the total installation cost. They are ideal for activating any device which requires 24V.

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: 1A
Output features:	Operating voltage: 24VDC Quiescent current consumption: < 5 mA Maximum alarm current consumption: 1A
Relay contacts:	1A at 30VDC
Connections	
2 x 1.5 mm ² twisted and shielded cable	
Environment	
Operating temperature:	From -10°C to +70°C
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-431 and MAD-432 Certification EN54-18 MAD-431-I and MAD-432-I Certification EN54-18 and EN54-17	
MAD-431, MAD-432 Certificate number:	0370-CPR-1189
MAD-431-I, MAD-432-I Certificate number:	0370-CPR-1863

Dimensions:

