



MAD-461

MAD-461-I

MAD-463

MAD-463-I

Addressable Sounders

Descriptions

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-461 and MAD-463 analogue sounders are designed to be used with DETNOV's analogue fire control panels. The MAD-461 provides an acoustic signalling while MAD-463 provides optical-acoustic signalling, both to the fire detection system. The sounders are directly connected to the loop and they must be addressed through the PGD-200 programmer (Isolator version support auto addressing). Each sounder takes up 1 address in the loop.

Due to its novel design, current consumption has been reduced to 7 mA. Installing up to 50 sounders per loop is possible due to low current consumption.

Features

- Compatible with DETNOV's fire control panels
- Addressable sounders
- Low current consumption
- Two-wire connection with non-polarity
- Loop-powered device
- Connections through removable terminal blocks, and simple fitting of the cable
- EN54-3 and EN54-17 approved
- MAD-461-I and MAD-463-I with Isolator

Applications

Analogue sounders are used to warn people in a building to start the evacuation procedure in the event of an alarm. They are the basic elements for warning people in any fire detection system installation.

Technical features

Sounders	
Loop features:	
Operating voltage:	From 22 to 38VDC
Quiescent current consumption:	< 300 μ A
Alarm current consumption:	< 7 mA
Volume @ 1 m	87,5 dB(A)
Tones	Fast Sweep : 800 Hz to 970 Hz swept at 9 Hz
	Medium Sweep : 800 Hz to 970 Hz swept at 3 Hz
	Slow Sweep : 800 Hz to 970 Hz swept at 1 Hz
Connections	
2 x 1.5 mm ² twisted and shielded cable	
Maximum quantity of sounders in the loop	
50 sounders in 1 km loop	
25 sounders in 2 km loop	
Environment	
Operating temperature:	From -10°C to +70°C
Relative humidity:	95% without condensation
IP index:	IP21
Physical features:	
Size (height x \varnothing):	69,6 mm x 92 mm
Material:	ABS
Approvals	
EN54-3 and EN54-17	
MAD-461, MAD-463 Certificate number:	0370-CPR-2021
MAD-461-I, MAD-463-I Certificate number:	0370-CPR-1867

Dimensions

